```
     FILE 'CAPLUS' ENTERED AT 17:36:18 ON 09 JUL 2007
L1          224 S "GLUCOSE CONJUGATE" OR "DEOXYGLUCOSE CONJUGATE"
L2          174 S L1 AND PY<=2003
L3            1 S L2 AND 2-DEOXYGLUCOSE
L4            0 S L2 AND (PHOTODYNAMIC OR PHOTOSENSITIVE)
L5            5 S L2 AND (DIAGNOSTIC OR DIAGNOSIS)
L6           47 S "GLUCOSAMINE CONJUGATE"
L7           32 S L6 AND PY<=2003

     FILE 'STNGUIDE' ENTERED AT 17:40:47 ON 09 JUL 2007

     FILE 'CAPLUS' ENTERED AT 17:45:07 ON 09 JUL 2007

     FILE 'MEDLINE' ENTERED AT 17:49:55 ON 09 JUL 2007
L8           69 S "GLUCOSE CONJUGATE" OR "DEOXYGLUCOSE CONJUGATE" OR "GLUCOSAMI
L9           45 S L8 AND PY<=2003

     FILE 'BIOSIS' ENTERED AT 17:50:50 ON 09 JUL 2007
L10         121 S "GLUCOSE CONJUGATE" OR "DEOXYGLUCOSE CONJUGATE" OR "GLUCOSAMI
L11         104 S L10 AND PY<=2004
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NEWS 6	MAR 30	RDISCLOSURE reloaded with enhancements
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NEWS 13	MAY 08	CA/CAplus Indian patent publication number format defined
NEWS 14	MAY 14	RDISCLOSURE on STN Easy enhanced with new search and display fields
NEWS 15	MAY 21	BIOSIS reloaded and enhanced with archival data
NEWS 16	MAY 21	TOXCENTER enhanced with BIOSIS reload
NEWS 17	MAY 21	CA/CAplus enhanced with additional kind codes for German patents
NEWS 18	MAY 22	CA/CAplus enhanced with IPC reclassification in Japanese patents
NEWS 19	JUN 27	CA/CAplus enhanced with pre-1967 CAS Registry Numbers
NEWS 20	JUN 29	STN Viewer now available
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NEWS 22	JUL 02	LEMBASE coverage updated
NEWS 23	JUL 02	LMEDLINE coverage updated
NEWS 24	JUL 02	SCISEARCH enhanced with complete author names
NEWS 25	JUL 02	CHEMCATS accession numbers revised
NEWS 26	JUL 02	CA/CAplus enhanced with utility model patents from China

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CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.

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FILE LAST UPDATED: 8 Jul 2007  (20070708/ED)

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=> s "glucose conjugate" or "deoxyglucose conjugate"
        426030 "GLUCOSE"
           825 "GLUCOSES"
        426210 "GLUCOSE"
                 ("GLUCOSE" OR "GLUCOSES")
         69573 "CONJUGATE"
         62498 "CONJUGATES"
        108304 "CONJUGATE"
                 ("CONJUGATE" OR "CONJUGATES")
           220 "GLUCOSE CONJUGATE"
                 ("GLUCOSE"(W)"CONJUGATE")
          8514 "DEOXYGLUCOSE"
            24 "DEOXYGLUCOSES"
          8526 "DEOXYGLUCOSE"
                 ("DEOXYGLUCOSE" OR "DEOXYGLUCOSES")
         69573 "CONJUGATE"
         62498 "CONJUGATES"
        108304 "CONJUGATE"
                 ("CONJUGATE" OR "CONJUGATES")
             5 "DEOXYGLUCOSE CONJUGATE"
                 ("DEOXYGLUCOSE"(W)"CONJUGATE")
L1         224 "GLUCOSE CONJUGATE" OR "DEOXYGLUCOSE CONJUGATE"

=> s l1 and py<=2003
      23933273 PY<=2003
L2          174 L1 AND PY<=2003

=> s l2 and 2-deoxyglucose
       9211811 2
          8514 DEOXYGLUCOSE
            24 DEOXYGLUCOSES
          8526 DEOXYGLUCOSE
                 (DEOXYGLUCOSE OR DEOXYGLUCOSES)
          5840 2-DEOXYGLUCOSE
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                (2(W)DEOXYGLUCOSE)
L3          1 L2 AND 2-DEOXYGLUCOSE

=> d

L3   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2007 ACS on STN
AN   2003:836787  CAPLUS
DN   139:333096
TI   Conjugates containing a cancer cell-specific ligand, a sugar, and a cancer
     chemotherapeutic agent or boron neutron capture therapy agent, and
     therapeutic use
IN   Holick, Michael F.; Ramanathan, Halasya
PA   A & D Bioscience, Inc., USA
SO   PCT Int. Appl., 27 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.           KIND   DATE        APPLICATION NO.         DATE
     ---------------      ----   --------    --------------------    --------
PI   WO 2003086312         A2    20031023    WO 2003-US11374         20030414 <--
     WO 2003086312         A3    20040902
         W:  CA, US
         RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
             IT, LU, MC, NL, PT, RO, SE, SI, SK, TR
     US 2005233949         A1    20051020    US 2004-510827          20041015
PRAI US 2002-371674P       P     20020412
     WO 2003-US11374       W     20030414


=> s l2 and (photodynamic or photosensitive)
         14278 PHOTODYNAMIC
           497 PHOTODYNAMICS
         14614 PHOTODYNAMIC
                 (PHOTODYNAMIC OR PHOTODYNAMICS)
         58737 PHOTOSENSITIVE
            13 PHOTOSENSITIVES
         58741 PHOTOSENSITIVE
                 (PHOTOSENSITIVE OR PHOTOSENSITIVES)
L4           0 L2 AND (PHOTODYNAMIC OR PHOTOSENSITIVE)

=> s l2 and (diagnostic or diagnosis)
        103072 DIAGNOSTIC
         29822 DIAGNOSTICS
        125022 DIAGNOSTIC
                 (DIAGNOSTIC OR DIAGNOSTICS)
        184412 DIAGNOSIS
             1 DIAGNOSISES
          3605 DIAGNOSES
        186379 DIAGNOSIS
                 (DIAGNOSIS OR DIAGNOSISES OR DIAGNOSES)
L5           5 L2 AND (DIAGNOSTIC OR DIAGNOSIS)

=> d l5 1-5 ibib abs

L5   ANSWER 1 OF 5  CAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:         2003:836910  CAPLUS
DOCUMENT NUMBER:          139:341722
TITLE:                    Conjugates comprising cancer cell specific ligands, a
                          sugar and diagnostic agents, and uses
                          thereof
INVENTOR(S):              Holick, Michael F.; Ramanathan, Halasya
PATENT ASSIGNEE(S):       A & D Bioscience, Inc., USA
SOURCE:                   PCT Int. Appl., 26 pp.
                          CODEN: PIXXD2
```

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE	
WO 2003086475	A1	20031023	WO 2003-US11372		20030414	<--
W: CA, US						
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR						
US 2005255038	A1	20051117	US 2004-510824		20041012	
PRIORITY APPLN. INFO.:			US 2002-371672P	P	20020412	
			WO 2003-US11372	W	20030414	

AB Disclosed are conjugates comprising cancer cell specific ligands (eg cyclic peptides), a sugar and diagnostic agents, and uses thereof, e.g. for imaging cancer cells and tumors in vivo. By linking a cancer cell targeting agent to a sugar residue linked to a diagnostic agent one obtains a conjugate that offers many advantages. The bond between the diagnostic agent and sugar may be cleaved in situ to release the agent. The diagnostic agent may be targeted to the cadherin units on cancer cells and thus be monitored by MRI or PET techniques.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:832658 CAPLUS
DOCUMENT NUMBER: 137:334689
TITLE: Tc and Re labeler radioactive glycosylated octreotide derivatives
INVENTOR(S): Wester, Hans-Jurgen; Schottelius, Margret; Schwaiger, Markus
PATENT ASSIGNEE(S): Mallinckrodt Inc., USA
SOURCE: PCT Int. Appl., 30 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE	
WO 2002085418	A2	20021031	WO 2002-US12565		20020423	<--
WO 2002085418	A3	20030912				
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW						
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG						
CA 2443273	A1	20021031	CA 2002-2443273		20020423	<--
AU 2002254691	A1	20021105	AU 2002-254691		20020423	<--
EP 1381396	A2	20040121	EP 2002-723932		20020423	
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR						
HU 200303987	A2	20040301	HU 2003-3987		20020423	
BR 2002009074	A	20040810	BR 2002-9074		20020423	
JP 2005514321	T	20050519	JP 2002-582991		20020423	
US 2006165593	A1	20060727	US 2004-475696		20040514	
PRIORITY APPLN. INFO.:			EP 2001-201466	A	20010423	

WO 2002-US12565 W 20020423

AB Improved sst-receptor binding peptidic ligands for diagnostic and therapeutic applications in nuclear medicine are provided. The improved ligands contain either natural or unnatural amino acids or peptidomimetic structures that are modified at either the N-terminal or the C-terminal end or at both termini, a carbohydrate unit and a chelator or prosthetic group to provide a complexation of a radioisotope binding or holding the radioisotope. The sst- or SSTR- receptor binding peptidic ligands may also contain one or more multifunctional linker units optionally coupling the peptide, and/or the sugar moiety and/or the chelator and/or the prosthetic group. Upon administering the ligand to a mammal through the blood system the ligand provides improved availability, clearance kinetics, sst-receptor targeting and internalization over the non-carbohydrated ligands.

L5 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1994:211644 CAPLUS
DOCUMENT NUMBER: 120:211644
TITLE: System for delivery of diagnostic or therapeutic agents to the lymphatic tissues
INVENTOR(S): Papisov, Mikhail I.; Brady, Thomas J.
PATENT ASSIGNEE(S): General Hospital Corp., USA
SOURCE: PCT Int. Appl., 80 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9402068	A1	19940203	WO 1993-US6848	19930721 <--
W: AT, AU, BB, BG, BR, BY, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9347788	A	19940214	AU 1993-47788	19930721 <--
JP 07509467	T	19951019	JP 1994-504662	19930721 <--
PRIORITY APPLN. INFO.:			US 1992-917707 A	19920721
			WO 1993-US6848 W	19930721

AB A substance for diagnosis or therapy of an animal includes an agent which is detectable or therapeutically active, the agent being linked to a carrier which is linked to a targeting site, whereby the agent accumulates in the lymphatic system of the animal to a greater degree than if the targeting site were absent. The carrier is e.g. a polypeptide or polysaccharide or other polymer; the targeting site is e.g. a carbohydrate (dextran, starch, etc.). Dextran-grafted poly-L-lysine[111In-DTPA] (synthesis protocol described) was injected into rats and rabbits and γ-scintigraphic images were obtained. Preparation and testing of other dextran-grafted polylysine derivs. are also described.

L5 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1990:606233 CAPLUS
DOCUMENT NUMBER: 113:206233
TITLE: Cloning and expression of cDNA for human membrane-bound β-1,4-galactosyltransferase
INVENTOR(S): Fukuda, Michiko N.; Appert, Hubert A.
PATENT ASSIGNEE(S): La Jolla Cancer Research Foundation, USA
SOURCE: PCT Int. Appl., 30 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9007000	A2	19900628	WO 1989-US5128	19891116 <--
WO 9007000	A3	19900809		
W: AU, JP				
RW: AT, BE, CH, DE, ES, FR, GB, IT, LU, NL, SE				
AU 9047519	A	19900710	AU 1990-47519	19891116 <--
CA 2003797	A1	19900613	CA 1989-2003797	19891124 <--
PRIORITY APPLN. INFO.:			US 1988-283732 A	19881213
			WO 1989-US5128 A	19891116

AB A full-length cDNA encoding the membrane-bound form of β-1,4-galactosyltransferase from human Golgi bodies is cloned and expressed in Escherichia coli and antibodies raised to peptides from the protein. The enzyme is involved in post-translational modification of proteins and there are pathol. consequences from deficiencies in the enzyme (congenital dyserythropoietic anemia type II). The full-length cDNA was constructed from a pair of overlapping clones from a human placental cDNA library in λgt11 and expressed in E. coli using pIN-III-ompA3 as the expression vector. Antibodies to a peptide from the carboxy-terminal region of the protein were raised in rabbits by conventional methods.

L5 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1989:54133 CAPLUS
DOCUMENT NUMBER: 110:54133
TITLE: A method for ascertaining the history of a condition of the body from a single blood sample by comparing hemoglobin and glycohemoglobins of individual blood cells
INVENTOR(S): Saunders, Alexander M.
PATENT ASSIGNEE(S): USA
SOURCE: PCT Int. Appl., 38 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 8802782	A1	19880421	WO 1987-US2626	19871014 <--
W: JP				
RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
US 4835097	A	19890530	US 1986-918934	19861015 <--
EP 329682	A1	19890830	EP 1987-907193	19871014 <--
EP 329682	B1	19940309		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
JP 02500463	T	19900215	JP 1987-506601	19871014 <--
AT 102656	T	19940315	AT 1987-907193	19871014 <--
CA 1340365	C	19990202	CA 1989-593958	19890316 <--
PRIORITY APPLN. INFO.:			US 1986-918934 A	19861015
			EP 1987-907193 A	19871014
			WO 1987-US2626 W	19871014

AB A historical time series anal. is obtained from a single sample of blood by measurement of Hb and an altered Hb, e.g., glycoHb, on a cell-by-cell basis. The results are compared by ratio of glycoHb to Hb on a cell-by-cell basis. Since the alteration of Hb is continuous and irreversible, the ordered set of ratios represents a time-series of the cells, and any deviation from normal will be readily apparent. A time-series can also be derived for other constituents, the time series representing historical data of the other constituents in the person from whom the blood sample was taken. These series can be used to evaluate a patient's condition, e.g. diabetes, or to monitor a patient's conformance to a prescribed drug regimen. A portion of a blood sample from a diabetic

(free of blood loss for 120 days) was washed, fixed to a microscope slide, dried, washed, immersed in 0.5% periodic acid, washed, immersed in a Schiff solution containing acriflavine HCl (fluoresces at 540 nm), and washed. It was then stained with bromophenol blue (fluoresces at 620 nm, 0-2 g %), washed in MeOH and dried. Cell-by-cell measurements (104) were made of fluorescence and the two ratios ordered from smallest to largest. A histogram of weekly control of blood sugar was made by grouping the ordered ratios in groups of 600, calculating the average, and subtracting each average from the next higher average The histogram was then examined by a physician for abnormal variations.

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=> s "glucosamine conjugate"
         22065 "GLUCOSAMINE"
           326 "GLUCOSAMINES"
         22168 "GLUCOSAMINE"
                 ("GLUCOSAMINE" OR "GLUCOSAMINES")
         69573 "CONJUGATE"
         62498 "CONJUGATES"
        108304 "CONJUGATE"
                 ("CONJUGATE" OR "CONJUGATES")
L6           47 "GLUCOSAMINE CONJUGATE"
                 ("GLUCOSAMINE"(W)"CONJUGATE")

=> d scan

L6    47 ANSWERS   CAPLUS  COPYRIGHT 2007 ACS on STN
CC    8-9 (Radiation Biochemistry)
      Section cross-reference(s): 63
TI    Compounds for fluorescent imaging of tumors
ST    cyanine dye glucosamine conjugate tumor fluorescent
      imaging
IT    Mammary gland, neoplasm
         (carcinoma; compds. for fluorescent imaging of tumors)
IT    Cyanine dyes
      Human
      Imaging agents
      Melanoma
      Neoplasm
         (compds. for fluorescent imaging of tumors)
IT    Imaging
         (fluorescent; compds. for fluorescent imaging of tumors)
IT    Neuroglia, neoplasm
         (glioblastoma; compds. for fluorescent imaging of tumors)
IT    Carcinoma
         (mammary; compds. for fluorescent imaging of tumors)
IT    880765-44-6DP, cyanine dye conjugate   910482-47-2P
      RL: DGN (Diagnostic use); PKT (Pharmacokinetics); PRP (Properties); SPN
      (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES
      (Uses)
         (compds. for fluorescent imaging of tumors)
IT    3416-24-8, D-Glucosamine   910482-46-1
      RL: RCT (Reactant); RACT (Reactant or reagent)
         (compds. for fluorescent imaging of tumors)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s l6 and py<=2003
      23933273 PY<=2003
L7           32 L6 AND PY<=2003

=> d l7 1-32 ibib abs
```

L7 ANSWER 1 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:458138 CAPLUS
DOCUMENT NUMBER: 141:289009
TITLE: Conjugate of antitumor cantharidin analogue-glucosamine, its preparation and application
INVENTOR(S): Jiang, Tao; Zou, Daishu; Guan, Huashi
PATENT ASSIGNEE(S): Qingdao University of Oceanography, Peop. Rep. China
SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 6 pp.
CODEN: CNXXEV
DOCUMENT TYPE: Patent
LANGUAGE: Chinese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1398591	A	20030226	CN 2002-135401	20020802 <--

PRIORITY APPLN. INFO.: CN 2002-135401 20020802

AB The conjugate of antitumor cantharidin analog-glucosamine is prepared by coupling cantharidin analog with glucosamine or its derivative (such as tetra-O-acetylglucosamine or tetra-O- benzoylglucosamine) in organic solvent in the presence of dehydrating agent (such as DCC). The conjugate may be used as antitumor agent.

L7 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:967928 CAPLUS
DOCUMENT NUMBER: 140:31447
TITLE: New agents for magnetic imaging method
INVENTOR(S): Aime, Silvio; Cabella, Claudia; Crich, Simonetta Geninatti; Mainero, Valentina
PATENT ASSIGNEE(S): Bracco Imaging S.p.A., Italy
SOURCE: Eur. Pat. Appl., 23 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1369134	A1	20031210	EP 2002-12531	20020605 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
WO 2003103722	A1	20031218	WO 2003-EP5761	20030602 <--
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003238192	A1	20031222	AU 2003-238192	20030602 <--
EP 1509254	A1	20050302	EP 2003-735518	20030602
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
US 2005175543	A1	20050811	US 2003-516781	20030602
JP 2005528453	T	20050922	JP 2004-510841	20030602

PRIORITY APPLN. INFO.: EP 2002-12531 A 20020605
WO 2003-EP5761 W 20030602

AB The invention provides MRI detectable species of formula (I) Dp-Sn-Nm wherein D is a MRI detectable moiety S is a spacer N is a mol. of a nutrient or pseudo-nutrient n is 0 or an integer, m is an integer, and p

is an integer. These compds. are useful for internalizing into tumor cells an amount of the MRI detectable moiety that is distinguishably higher than the amount internalized in normal healthy cells thus allowing the diagnosis of tumors. Preferred compds. of formula (I) are those wherein D is the chelated complex of a paramagnetic metal ion. In this case when the paramagnetic metal ion is a neutron capture isotope, e.g. 157Gd, the new compds. can also be used for the treatment of the tumor, by selective irradiation of the tumor mass.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 3 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:912943 CAPLUS
DOCUMENT NUMBER: 139:386404
TITLE: Conjugates comprising a central nervous system-active drug linked to glucuronic acid or glucosamine through an amide bond and uses thereof
INVENTOR(S): Holick, Michael F.; Ramanathan, Halasya
PATENT ASSIGNEE(S): A & D Bioscience, Inc., USA
SOURCE: PCT Int. Appl., 25 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2003094842	A2	20031120	WO 2003-US14050		20030507 <--
WO 2003094842	A3	20040325			
W: CA, US					
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR					
CA 2484891	A1	20031120	CA 2003-2484891		20030507 <--
EP 1549323	A2	20050706	EP 2003-750065		20030507
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, SK					
US 2005153928	A1	20050714	US 2003-512848		20030507
PRIORITY APPLN. INFO.:			US 2002-378333P	P	20020507
			WO 2003-US14050	W	20030507

AB Conjugates comprising a central nervous system-active drug linked through an amide bond to a glucuronic acid or glucosamine moiety, and their uses, e.g., for passing across the blood-brain barrier and treating or ameliorating central nervous system diseases or disorders are described. For example, valproyl-2-glucosamine was prepared in a 60% yield by reaction of valproic acid and 1,3,4,6-tetra-O-acetyl-D-glucosamine.

L7 ANSWER 4 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:836910 CAPLUS
DOCUMENT NUMBER: 139:341722
TITLE: Conjugates comprising cancer cell specific ligands, a sugar and diagnostic agents, and uses thereof
INVENTOR(S): Holick, Michael F.; Ramanathan, Halasya
PATENT ASSIGNEE(S): A & D Bioscience, Inc., USA
SOURCE: PCT Int. Appl., 26 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003086475	A1	20031023	WO 2003-US11372	20030414 <--
W: CA, US				

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR

US 2005255038	A1	20051117	US 2004-510824		20041012
PRIORITY APPLN. INFO.:			US 2002-371672P	P	20020412
			WO 2003-US11372	W	20030414

AB Disclosed are conjugates comprising cancer cell specific ligands (eg cyclic peptides), a sugar and diagnostic agents, and uses thereof, e.g. for imaging cancer cells and tumors in vivo. By linking a cancer cell targeting agent to a sugar residue linked to a diagnostic agent one obtains a conjugate that offers many advantages. The bond between the diagnostic agent and sugar may be cleaved in situ to release the agent. The diagnostic agent may be targeted to the cadherin units on cancer cells and thus be monitored by MRI or PET techniques.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 5 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:796502 CAPLUS
DOCUMENT NUMBER: 139:312418
TITLE: Compositions and methods for treating cancer
INVENTOR(S): Tidmarsh, George; Matteucci, Mark; Rao, Photon
PATENT ASSIGNEE(S): Threshold Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 76 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003082301	A1	20031009	WO 2003-US9492	20030328 <--
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003230750	A1	20031013	AU 2003-230750	20030328 <--
US 2004029815	A1	20040212	US 2003-402778	20030328
US 7001888	B2	20060221		
US 2006142207	A1	20060629	US 2005-293042	20051201
PRIORITY APPLN. INFO.:			US 2002-429287P	P 20020329
			US 2003-402778	A1 20030328
			WO 2003-US9492	W 20030328

OTHER SOURCE(S): MARPAT 139:312418

AB Methods and compns. are provided for the treatment of cancer that take advantage of the increased uptake of glucose-antineoplastic agent conjugates in cancer cells relative to normal cells. Conjugates were prepared from glucoamine derivs. and an anticancer agent (such as camptothecin or methotrexate or radioisotopes of iodine). Thus, capsules contained the conjugate 20.0, Mg stearate 0.9, starch 8.6, lactose 79.6, and PVP 0.9%.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 6 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:376654 CAPLUS
DOCUMENT NUMBER: 138:390922
TITLE: Arsenide compound system for selective targeting of apoptotic cells

INVENTOR(S): Hogg, Philip John
PATENT ASSIGNEE(S): Unisearch Limited, Australia
SOURCE: PCT Int. Appl., 85 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003039564	A1	20030515	WO 2002-AU1523	20021108 <--
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2466303	A1	20030515	CA 2002-2466303	20021108 <--
AU 2002340631	A1	20030519	AU 2002-340631	20021108 <--
EP 1453525	A1	20040908	EP 2002-774165	20021108
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
JP 2005511598	T	20050428	JP 2003-541855	20021108
US 2005101524	A1	20050512	US 2003-494822	20021108
ZA 2004003803	A	20060329	ZA 2004-3803	20040518

PRIORITY APPLN. INFO.: AU 2001-8746 A 20011108
WO 2002-AU1523 W 20021108

OTHER SOURCE(S): MARPAT 138:390922

AB The invention discloses a method of selectively targeting an active agent (or agent capable of becoming an active agent) to apoptotic cells in a vertebrate, comprising administering to the vertebrate a system comprising an arsenoxide (or arsenoxide equivalent) compound and the agent, wherein the system selectively targets apoptotic cells. Preparation of e.g. 4-[N-(S-glutathionylacetyl)amino]phenylarsenoxide is described.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 7 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:554553 CAPLUS
DOCUMENT NUMBER: 137:245732
TITLE: Comparison of alteration of cell surface carbohydrates of the chinchilla tubotympanum and colonial opacity phenotype of Streptococcus pneumoniae during experimental pneumococcal otitis media with or without an antecedent influenza A virus infection
AUTHOR(S): Tong, H. H.; Grants, I.; Liu, X.; DeMaria, T. F.
CORPORATE SOURCE: Department of Otolaryngology, College of Medicine and Public Health, The Ohio State University, Columbus, OH, 43210, USA
SOURCE: Infection and Immunity (2002), 70(8), 4292-4301
CODEN: INFIBR; ISSN: 0019-9567
PUBLISHER: American Society for Microbiology
DOCUMENT TYPE: Journal
LANGUAGE: English

AB Exptl. and clin. studies suggest that influenza A virus promotes Streptococcus pneumoniae-induced otitis media; however, the mechanism underlying this synergistic interaction has not been completely defined. In this study, glycoconjugate expression patterns were evaluated on the cell surface in the chinchilla eustachian tube (ET) lumen of a cohort

challenged intranasally (i.n.) with S. pneumoniae type 6A, which is predominantly transparent and a cohort with an antecedent influenza A virus infection, followed by i.n. inoculation with S. pneumoniae. The labeling patterns obtained with six lectin probes revealed that the binding of Bandeiraea simplicifolia lectin II, succinylated wheat germ agglutinin, and peanut agglutinin were significantly increased in the lumenal surface of the ET in the cohort infected with both pathogens compared to the cohort inoculated with only S. pneumoniae, which indicated that N-acetylglucosamine (GlcNAc) and D-galactose residues were exposed. A significant decreased labeling with Sambucus nigra agglutinin in the combined influenza A virus and pneumococcus infection cohort suggested that there were few sialic acid residues remaining in the ET epithelium. In addition, the colonial opacity of S. pneumoniae during the disease course was examined The opaque phenotype was predominant among the pneumococcus isolates from the middle-ear fluid in the cohort infected with the both pathogens. Together, these data suggest that the synergic effect of influenza A virus and S. pneumoniae on the changes of the carbohydrate moieties in the ET epithelium and that the selection of the opaque variant may facilitate the pneumococcal invasion of the middle ear.

REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 8 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2001:936086 CAPLUS
DOCUMENT NUMBER: 136:42814
TITLE: Photosensitizers with ligand targeting properties for tumor therapy
INVENTOR(S): Moser, Jorg G.
PATENT ASSIGNEE(S): Ceramoptec Industries,inc., USA
SOURCE: U.S. Pat. Appl. Publ., 9 pp., Cont.-in-part of U.S. Ser. No. 599,660.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

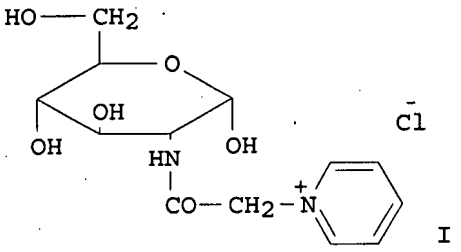
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2001056065	A1	20011227	US 2000-745458	20001221 <--
US 6806284	B1	20041019	US 2000-599660	20000622
WO 2001097814	A1	20011227	WO 2001-US20086	20010622 <--
W: BR, CA, JP, KR				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
EP 1309330	A1	20030514	EP 2001-952201	20010622 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				

PRIORITY APPLN. INFO.:
US 2000-599660 A2 20000622
US 2000-745458 A 20001221
WO 2001-US20086 W 20010622

AB The present invention provides a drug delivery system wherein a "parachute" structure is coupled to a therapeutic compound The "parachute" structure comprises hydrophilic branched mol. fragments, or a cyclodextrin moiety, with a defined action diameter The complex (a parachute structure coupled with a therapeutic compound) is either fixed at a cell membrane or delivered to a defined distance from the membrane within the cell. The membrane-anchoring/localizing effect of the parachute is achieved by hydrophilic structures linked with a branching unit of desired therapeutic compds. Furthermore, the parachute structures can be connected by a spacer (e.g. β-amino acids, γ-amino butyric acid, or poly-amino acids) instead of directly binding to the therapeutic compound, so that the therapeutic compds. can be localized within the cells at a defined distance from the cell membrane. A spacer containing a breaking point can determine the time span, during which the drug exhibits its therapeutic

activity. The hydrophilic residues can also carry signals for targeting the parachute-therapeutic complex to a defined tissue type. This can be mediated by an antibody which is specific for a tumor marker. Alternatively, a biotin can be attached at C6 position of the sugar and then react with an avidin-labeled tumor-specific antibody. The parachute function may also be achieved by other, more bulky hydrophilic structures such as oligosaccharides connected to the branching unit. Such sugar oligomers have specific attachment points to cell selecting, and therefore do not need addnl. mol. structures to target a specific tumor tissue. The use of the parachute structure gives the advantages of being able to localize a photosensitizer or chemotherapeutic drug at the site within a cell where it can destroy the tumor cell most effectively. This reduces the level of necessary systemic doses of the drugs, promotes drug excretion, and therefore considerably reduces side effects of the therapy.

L7 ANSWER 9 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2001:931446 CAPLUS
DOCUMENT NUMBER: 137:190496
TITLE: Synthesis of quaternary ammonium-glucosamine conjugate
AUTHOR(S): Li, Yingxia; Song, Ni; Chu, Shidong; Guan, Huashi
CORPORATE SOURCE: Institute of Marine Drug, Ocean University of Qingdao, Tsingtao, 266003, Peop. Rep. China
SOURCE: Zhongguo Haiyang Yaowu (2001), 20(5), 9-10
CODEN: ZHYAE8; ISSN: 1002-3461
PUBLISHER: Shandongsheng Haiyang Yaowu Kexue Yanjiuso
DOCUMENT TYPE: Journal
LANGUAGE: Chinese
GI



I

AB Quaternary ammonium-glucosamine conjugate (I) was prepared by a two-step procedure. First, condensation of glucosamine hydrochloride with chloro-acetic chloride in the presence of potassium bicarbonate in aqueous medium at 0° provided the N-chloroacetyl derivative in 74% yield. Subsequent reaction of this intermediate with pyridine at 40° for 3 days gave the pyridinium conjugate in 71% yield. The structures of compds. were confirmed by IR, NMR spectra and element anal.

L7 ANSWER 10 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2001:287764 CAPLUS
DOCUMENT NUMBER: 135:270894
TITLE: Lectin and proteoglycan histochemistry of Merkel cell carcinomas
AUTHOR(S): Samès, K.; Schumacher, U.; Halata, Z.; Van Damme, E. J. M.; Peumans, W. J.; Asmus, B.; Moll, R.; Moll, I.
CORPORATE SOURCE: Institut fur Anatomie, Universitatsklinikum Hamburg-Eppendorf, Hamburg, D-20246, Germany
SOURCE: Experimental Dermatology (2001), 10(2), 100-109
CODEN: EXDEEY; ISSN: 0906-6705
PUBLISHER: Munksgaard International Publishers Ltd.
DOCUMENT TYPE: Journal

LANGUAGE: English

AB Changes in carbohydrate residue expression and in proteoglycan distribution occur during different stages of tumor development and progression. However, few data concerning carbohydrate residue anal. as performed by lectin histochem. and proteoglycan distribution of Merkel cell carcinoma, a rare malignant tumor of the skin, have been reported. Hence, lectin- and proteoglycan immunohistochem. was performed on paraffin wax material of 9 cases of Merkel cell carcinomas characterized by cytokeratin and neurofilament immunohistochem. The lectin binding pattern of tumor cells varied between lectins with different sugar binding specificities, while within a given nominal sugar specificity intensities were remarkably similar between tumors from different patients. The most intensive reaction was observed using Con A (mannose/glucose-specific) followed by LCA with the same specificity and the N-Acetyl glucosamine-specific lectins (WGA, UDA, CMA), while no fucose binding sites were detected (UEA-I). In addition, N-Acetyl galactosamine residues were only occasionally detected. The lectin binding pattern of Merkel cell carcinoma cells indicated that predominantly N-linked glycans and not O-linked glycans, typical for mucins of most epithelia, were present. Hence these tumor cells were relatively undifferentiated and resembled stem cells more closely than differentiated epithelia. The tumor stroma was especially evaluated in this study and showed a lectin reaction, which was intermediate between the tumor cells and extra-tumoral stroma. For example, the reactions of N-Acetyl galactosamine-specific lectins were intensive in the extra-tumoral stroma but nearly neg. in tumor cells, while the lectin reaction of the intra-tumoral stroma was similar to the cellular reaction. These results indicated an influence of tumor cells on the stromal constituents. Antibodies against chondroitin type glycosaminoglycans reacted with the tumor stroma and the pericellular substance around the tumor cells most intensely in - and around the major tumor septae which, in general, were well vascularized. The most intensive immunoreactivity was detected using the chondroitin 6-sulfate antibody. The cellular and membrane-associated reaction for heparan sulfate was less intensive in comparison to epidermal cells. In conclusion the pattern of lectin-binding sites, the high chondroitin(sulfate) specific reactivity and the relatively low intensity of heparan sulfate immunohistochem. indicate a low degree of differentiation and high malignity of the tumors, which is consistent with the clin. behavior of Merkel cell carcinomas.

REFERENCE COUNT: 54 THERE ARE 54 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 11 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2001:2221 CAPLUS

DOCUMENT NUMBER: 134:242535

TITLE: Niosomes and polymeric chitosan based vesicles bearing transferrin and glucose ligands for drug targeting

AUTHOR(S): Dufes, Christine; Schatzlein, Andreas G.; Tetley, Laurence; Gray, Alexander I.; Watson, Dave G.; Olivier, Jean-Christophe; Couet, William; Uchegbu, Ijeoma F.

CORPORATE SOURCE: Department of Pharmaceutical Sciences, Strathclyde Institute for Biomedical Sciences, University of Strathclyde, Glasgow, G4 0NR, UK

SOURCE: Pharmaceutical Research (2000), 17(10), 1250-1258
CODEN: PHREEB; ISSN: 0724-8741

PUBLISHER: Kluwer Academic/Plenum Publishers

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Polymeric vesicles and niosomes bearing glucose or transferrin ligands were prepared for drug targeting. A glucose-palmitoyl glycol chitosan (PGC) conjugate was synthesized and glucose-PGC polymeric vesicles prepared by sonication of glucose-PGC/ cholesterol. N-palmitoylglucosamine (NPG) was synthesized and NPG niosomes also prepared by sonication of NPG/ sorbitan

monostearate/ cholesterol/ cholesteryl poly-24-oxyethylene ether. These 2 glucose vesicles were incubated with colloidal Con A gold (Con-A gold), washed and visualized by transmission electron microscopy (TEM). Transferrin was also conjugated to the surface of PGC vesicles and the uptake of these vesicles investigated in the A431 cell line (over expressing the transferrin receptor) by fluorescent activated cell sorter anal. TEM imaging confirmed the presence of glucose units on the surface of PGC polymeric vesicles and NPG niosomes. Transferrin was coupled to PGC vesicles at a level of 0.60 ± 0.18 g of transferrin per g polymer. The proportion of FITC-dextran pos. A431 cells was 42% (FITC-dextran solution), 74% (plain vesicles) and 90% (transferrin vesicles). Glucose and transferrin bearing chitosan based vesicles and glucose niosomes have been prepared Glucose bearing vesicles bind Con-A to their surface. Chitosan based vesicles are taken up by A431 cells and transferrin enhances this uptake.

REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2000:365184 CAPLUS
DOCUMENT NUMBER: 133:129545
TITLE: Biological activity of chitosan-sugar hybrids: specific interaction with lectin
AUTHOR(S): Li, Xuebing; Tushima, Yohsuke; Morimoto, Minoru; Saimoto, Hiroyuki; Okamoto, Yoshiharu; Minami, Saburo; Shigemasa, Yoshihiro
CORPORATE SOURCE: Department of Materials Science, Faculty of Engineering, Tottori University, Tottori, 680-8552, Japan
SOURCE: Polymers for Advanced Technologies (2000), 11(4), 176-179
CODEN: PADTE5; ISSN: 1042-7147
PUBLISHER: John Wiley & Sons Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English

AB The specific interactions between lectins and chitosan-sugar hybrids, the synthesized chitosan derivs. linking carbohydrate residue to the amino group of chitosan, were investigated. The specific bindings of chitosan-L-fucose (Fuc) hybrid with Ulex europaeus agglutinin I (UEA I, a lectin specific to L-Fuc), and chitosan-N-acetyl-D-glucosamine (D-GlcNAc) hybrid with Con A (Con A, a lectin specific to D-glucose, D-mannose and D-GlcNAc), were confirmed by a surface plasmon resonance technique. The microscopic observation of Pseudomonas aeruginosa, which was preincubated with the fluorescein isothiocyanate-labeled chitosan-L-Fuc hybrid, showed bacteria aggregation. The aggregation was thought to be resulted from the specific interaction of the L-Fuc residue of the hybrid with PA-II lectin on the surface of P. aeruginosa. The chitosan-L-Fuc hybrid inhibited P. aeruginosa growth more effectively in comparison with the other hybrids or unmodified chitosan. The enhancement of antimicrobial activity of chitosan-L-Fuc hybrid could be attributed to the specific binding between PA-II lectin of P. aeruginosa and L-Fuc residue of the L-Fuc hybrid.

REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 13 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2000:335887 CAPLUS
DOCUMENT NUMBER: 133:103980
TITLE: Functional Changes in β-Lactoglobulin by Conjugation with Cationic Saccharides
AUTHOR(S): Hattori, Makoto; Numamoto, Ken-ichi; Kobayashi, Kazuo; Takahashi, Koji
CORPORATE SOURCE: Department of Applied Biological Science Faculty of Agriculture, Tokyo University of Agriculture and Technology, Tokyo, 183-8509, Japan
SOURCE: Journal of Agricultural and Food Chemistry (

2000), 48(6), 2050-2056
CODEN: JAFCAU; ISSN: 0021-8561
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Bovine β-lactoglobulin (β-LG) was conjugated to each of three cationic saccharides [glucosamine (GlcN), chitopentaose (CPO), and chitosan (CHS)] by means of a water-soluble carbodiimide or by the Maillard reaction in an effort to improve the functional properties of β-LG. The molar ratios of β-LG to the cationic saccharide in the β-LG-GlcN, β-LG-CPO, and β-LG-CHS conjugates were 2:1, 2:5, and 2:1, resp. Fluorescence studies indicated that the conformation around Trp had changed in each conjugate and that the surface of each of the conjugates was covered with a saccharide chain. Structural anal. using monoclonal antibodies indicated that the conformation around 15Val-29Ile (β-sheet region) in β-LG-GlcN and β-LG-CPO had changed but that in β-LG-CHS was maintained, whereas the conformation around 125Thr-135Lys (α-helix region) in the conjugates had changed. The emulsifying activity of β-LG was improved by conjugation with CPO or CHS, and aggregation of β-LG was suppressed by conjugation with CHS. Reduction of the antigenicity and immunogenicity of β-LG was achieved by conjugation with CHS.
REFERENCE COUNT: 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 14 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2000:111541 CAPLUS
DOCUMENT NUMBER: 132:284064
TITLE: Application to a Cartilage Targeting Strategy: Synthesis and in Vivo Biodistribution of 14C-Labeled Quaternary Ammonium-Glucosamine Conjugates
AUTHOR(S): Giraud, Isabelle; Rapp, Maryse; Maurizis, Jean-Claude; Madelmont, Jean-Claude
CORPORATE SOURCE: INSERM Unite 484, Clermont-Ferrand, 63005, Fr.
SOURCE: Bioconjugate Chemistry (2000), 11(2), 212-218
CODEN: BCCHES; ISSN: 1043-1802
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
AB As part of a cartilage targeting program based on the affinity of the quaternary ammonium (QA) moiety for cartilage, QA derivs. of D-glucosamine (DG), an antirheumatic drug exhibiting a natural tropism for cartilaginous tissues, were designed and evaluated by pharmacokinetic studies. Two QA-DG conjugates were synthesized and labeled with 14C by crosslinking the QA entity (trimethylammonium or pyridinium) to [14C]DG via an amide bond in a two-step procedure. After i.v. injection to male Sprague-Dawley rats, the two 14C-labeled conjugates exhibited similar pharmacokinetic profiles, but their behavior clearly differed from that of unconjugated DG in several ways. (i) The tissue distribution for the conjugates was more restricted, with a decreased radioactivity level for whole tissues except for kidney, cartilage, and skin. (ii) The radioactivity concentrated more rapidly and strongly in cartilage for the conjugates than for DG for the short times after injection; on the other hand, 1 h after administration, the radioactivity level in cartilage was higher for DG, this result being consistent with the tropism already observed for this compound (iii) Both conjugates were eliminated predominantly by the urinary route (85%); the radioactivity level in urine for DG was lower (45% of the injected dose), and significant 14CO2 was found in expired air, indicating metabolization and utilization of DG for energy-consuming processes. (iv) Blood and plasma kinetics studies displayed an enterohepatic cycle for DG, whereas for the QA conjugates, a rapid disappearance was observed (v) HPLC analyses of plasma and urine indicated a low degree of metabolization for the conjugates, most of the radioactivity recovered in urine and plasma

corresponding to the unchanged mol. This study demonstrates that the introduction of the QA moiety on DG modifies its biodistribution and lends it a greater specificity for cartilage, at least for short times after injection. These findings justify further work on QA derivs. of other antirheumatic agents.
REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 15 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1999:496640 CAPLUS
DOCUMENT NUMBER: 132:61067
TITLE: Comparative effect of ALA derivatives on protoporphyrin IX production in human and rat skin organ cultures
AUTHOR(S): Casas, A.; Batlle, A. M. del C.; Butler, A. R.; Robertson, D.; Brown, E. H.; MacRobert, A.; Riley, P. A.
CORPORATE SOURCE: CIPYP, CONICET and University of Buenos Aires, Buenos Aires, Argent.
SOURCE: British Journal of Cancer (1999), 80(10), 1525-1532
CODEN: BJCAAI; ISSN: 0007-0920
PUBLISHER: Churchill Livingstone
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Samples of human and rat skin in short-term organ culture exposed to ALA or a range of hydrophobic derivs. were examined for their effect on the accumulation of protoporphyrin IX (PpIX) measured using fluorescence spectroscopy. With the exception of carbobenzoyloxy-D-phenylalanyl-5-ALA-Et ester the data presented indicate that, in normal tissues, ALA derivs. generate protoporphyrin IX more slowly than ALA, suggesting that they are less rapidly taken up and/or converted to free ALA. However, the resultant depot effect may lead to the enhanced accumulation of porphyrin over long exposure periods, particularly in the case of ALA-Me ester or ALA-hexyl ester, depending on the applied concentration and the exposed tissue. Addition of the iron chelator, CP94, greatly increased PpIX accumulation in human skin exposed to ALA, ALA-Me ester and ALA-hexyl ester. The effect in rat skin was less marked.
REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 16 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1998:126376 CAPLUS
DOCUMENT NUMBER: 128:189187
TITLE: Delivery of nucleic acids to airway epithelial cells as complexes with glycosylated derivatives of polylysine
INVENTOR(S): Glick, Mary Catherine; Scanlin, Thomas F.; Kollen, Wouter J. W.
PATENT ASSIGNEE(S): Children's Hospital of Philadelphia, USA
SOURCE: PCT Int. Appl., 85 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9806869	A1	19980219	WO 1997-US14280	19970813 <--

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

US 5948681	A	19990907	US 1997-907673		19970808 <--
AU 9740659	A	19980306	AU 1997-40659		19970813 <--
PRIORITY APPLN. INFO.:			US 1996-23941P	P	19960814
			US 1997-907673	A	19970808
			WO 1997-US14280	W	19970813

AB A method of introducing foreign DNA into animal cells in vivo, especially airway epithelial cells, as a complex with polylysine substituted with glycosyl residues is described. This can be used in methods of treating humans having respiratory disease by gene therapy. The preferred sugar for glycosidation of polylysine is lactose, although α-glucose, β-galactose, mannose, mannose-6-phosphate, fucose, or N-acetylglucosamine may also be used. Fusogenic peptides may also be used in the complex to increase the efficiency of uptake. Preparation of a number of glycosylated polylysine derivs. is described. Optimization expts. using cultured CF/T43 cells and a luciferase reporter gene are reported. Binding of the complex to the airway epithelial cells may be by lectins on the surface of the cells.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 17 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1997:311165 CAPLUS
DOCUMENT NUMBER: 126:327558
TITLE: Radiation sensitization using texaphyrins for treatment of neoplasms or atheromas
INVENTOR(S): Sessler, Jonathan L.; Harriman, Anthony M.; Miller, Richard A.
PATENT ASSIGNEE(S): Pharmacyclics, Inc., USA; Board of Regents of the University of Texas System
SOURCE: U.S., 39 pp., Cont.-in-part of U.S. 5,457,183.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 21
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
US 5622946	A	19970422	US 1995-437968		19950510 <--
US 5457183	A	19951010	US 1993-135118		19931012 <--
US 5583220	A	19961210	US 1995-449681		19950524 <--
US 5580543	A	19961203	US 1995-458267		19950602 <--
US 5587371	A	19961224	US 1995-458909		19950602 <--
US 5632970	A	19970527	US 1995-486967		19950607 <--
US 5801229	A	19980901	US 1996-713701		19960913 <--
US 5888997	A	19990330	US 1997-795393		19970204 <--
US 5969111	A	19991019	US 1997-775261		19970204 <--
US 6069140	A	20000530	US 1997-970864		19971114 <--
US 6072038	A	20000606	US 1998-104870		19980625 <--
PRIORITY APPLN. INFO.:			US 1993-135118	A2	19931012
			US 1989-320293	A3	19890306
			US 1990-539975	A2	19900618
			US 1991-771393	B2	19910930
			US 1992-822064	A2	19920121
			US 1992-822964	A2	19920121
			US 1993-75123	B2	19930609
			US 1993-98514	A1	19930728
			US 1994-227370	A2	19940414
			US 1995-227370	A2	19940414
			WO 1994-US6284	A1	19940609

WO 1994-US11491	A1	19941012
US 1995-437968	A3	19950510
US 1995-452261	B2	19950526
US 1996-679162	A2	19960710
US 1996-713701	A1	19960913
US 1997-795393	A1	19970204

OTHER SOURCE(S): MARPAT 126:327558

AB Texaphyrins are provided for use as radiation sensitizers. Advantageous properties of texaphyrins for use as a radiation sensitizer include: (1) a low redox potential, which allows radiation-induced hydrated electrons to flow to texaphyrin rather than neutralizing hydroxyl radicals, allowing hydroxyl radicals to cause cellular damage; (2) a relatively stable texaphyrin radical that reacts readily to covalently modify neighboring mols., causing further cellular damage; (3) intrinsic biolocalization; and (4) indifference to the presence or absence of O2. These properties allow texaphyrins to be particularly effective for treating the hypoxic areas of solid neoplasms. Methods of treatment for an individual having a neoplasm or atheroma include the use of a texaphyrin as a radiation sensitizer and as an agent for photodynamic tumor therapy, or the use of a texaphyrin for internal and for external ionizing radiation. Novel texaphyrins are provided.

L7 ANSWER 18 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1996:521737 CAPLUS
DOCUMENT NUMBER: 125:230347
TITLE: Biorecognition and biological activity of synthetic polymer glycoconjugates containing 5-fluorouracil
AUTHOR(S): Putnam, D.; Rihova, B.; Jelinkova, M.; Kopecek, J.
CORPORATE SOURCE: Department of Pharmaceutics and Pharmaceutical Chemistry, University of Utah, Salt Lake City, UT, 84112, USA
SOURCE: Proceedings of the International Symposium on Controlled Release of Bioactive Materials (1996), 23rd, 75-76
CODEN: PCRMEY; ISSN: 1022-0178
PUBLISHER: Controlled Release Society, Inc.
DOCUMENT TYPE: Journal
LANGUAGE: English

AB The conjugation of 5-fluorouracil to polymer glycoconjugates containing either galactosamine, glucosamine, or fucosylamine resulted in compds. with the ability to be endocytosed into colon cancer cells, that have anticancer activity both in vitro and in vivo, and that have a protective effect on the bone marrow stem cells. The endocytosis of the conjugates was observed and their anticancer activity depended upon the targeting carbohydrate.

L7 ANSWER 19 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1995:979794 CAPLUS
DOCUMENT NUMBER: 124:26178
TITLE: Distribution of lectin binding in the testes of the musk shrew, Suncus murinus
AUTHOR(S): Kurohmaru, M.; Kobayashi, H.; Kanai, Y.; Hattori, S.; Nishida, T.; Hayashi, Y.
CORPORATE SOURCE: Faculty Agriculture, University Tokyo, Tokyo, 113, Japan
SOURCE: Journal of Anatomy (1995), 187(2), 323-9
CODEN: JOANAY; ISSN: 0021-8782
PUBLISHER: Cambridge University Press
DOCUMENT TYPE: Journal
LANGUAGE: English

AB The distribution of lectin binding in the testis of the musk shrew (S. murinus) was investigated by light and transmission electron microscopy. Not only spermatogenic cells but also Sertoli cells bound some lectins. Canavalia ensiformis agglutinin and wheat germ agglutinin, indicating the presence of D-mannose and N-acetyl-D-glucosamine resp., showed an intense reaction in the acrosomal region of early-to-late spermatids. Ricinus

communis agglutinin I (RCA-I), peanut agglutinin (PNA, Arachis hypogaea), Bauhinia purpurea agglutinin (BPA), soybean agglutinin, revealing the presence of D-galactose and/or N-acetyl-D-galactosamine, bound to the acrosomal region from Golgi to acrosome-phase spermatids and abruptly decreased in intensity in maturation-phase spermatids. Griffonia simplicifolia agglutinin II, indicating the presence of N-acetyl-D-glucosamine, gave an intense reaction only in the acrosome of acrosome-phase spermatids. These findings demonstrate that the appearance/disappearance of some glycoconjugates in the spermatid acrosome occurs in the musk shrew during acrosomal formation. Addnl., RCA-I, PNA and BPA revealed a strong reaction in the cytoplasm of Sertoli cells. The reaction that was observed in the intramembranous region of Sertoli cell cytoplasm at the electron microscope level appeared from stages VIII to XIII but not from stages I to VII. This finding suggests that glycoconjugates containing D-galactose may change stage dependently in the musk shrew Sertoli cell.

L7 ANSWER 20 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1995:900185 CAPLUS
DOCUMENT NUMBER: 124:4199
TITLE: Glycosylphosphatidylinositol-phospholipase D: A tool for glycosylphosphatidylinositol structural analysis
AUTHOR(S): Deeg, Mark A.; Davitz, Michael A.
CORPORATE SOURCE: Department Medicine, University Washington, Seattle, WA, 98195, USA
SOURCE: Methods in Enzymology (1995), 250(Lipid Modifications of Proteins), 630-40
CODEN: MENZAU; ISSN: 0076-6879
PUBLISHER: Academic
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Cleavage by the glycosylphosphatidylinositol phospholipase D (GPI-PLD) provides definitive evidence of a min. GPI structure: glucosamine-phosphatidylinositol. Unlike the case for phosphatidylinositol-inositol phospholipase C, cleavage by the GPI-PLD is unaffected by acylation of the inositol ring. Thus, the GPI-PLD provides an excellent simple enzymic tool for analyzing the basic core structure of GPI anchors.

L7 ANSWER 21 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1995:594496 CAPLUS
DOCUMENT NUMBER: 123:4599
TITLE: Amino acid-substituted or amine-modified enzymes and their use in washing compositions, baking, feed, and manufacture of cellulosic fabrics or treatment of lignocellulosic fibers
INVENTOR(S): Olsen, Arne Agerlin; Svendsen, Allan; Borch, Kim; Lund, Henrik; Thellersen, Marianne; Rosholm, Peter; Munk, Niels
PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
SOURCE: PCT Int. Appl., 67 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9509909	A1	19950413	WO 1994-DK368	19941004 <--

W: AM, AT, AU, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LV, MD, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SI, SK, TJ, TT, UA, US, UZ, VN
RW: KE, MW, SD, SZ, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

CA 2173214	A1	19950413	CA 1994-2173214	19941004	<--
AU 9478073	A	19950501	AU 1994-78073	19941004	<--
EP 722491	A1	19960724	EP 1994-928774	19941004	<--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE					
CN 1134726	A	19961030	CN 1994-194080	19941004	<--
BR 9407752	A	19970304	BR 1994-7752	19941004	<--
JP 09503130	T	19970331	JP 1995-510562	19941004	<--
FI 9601502	A	19960530	FI 1996-1502	19960403	<--
US 5866526	A	19990202	US 1996-619753	19960502	<--
PRIORITY APPLN. INFO.:			DK 1993-1111	A 19931004	
			DK 1994-259	A 19940304	
			WO 1994-DK368	W 19941004	

AB An enzyme preparation comprising a modified enzyme selected from the group consisting of an amylase, lipase, oxidoreductase, pectinate or hemicellulase, the modified enzyme having an improved performance due to an alkaline pI and/or increased surface activity obtained by chemical modification or amino acid substitution, is useful e.g. in detergents, baking flour, in animal feed, in the manufacture of cellulosic fabrics and for the treatment of lignocellulosic fibers. Aspergillus oryzae lipase was conjugated with glucosamine, poly-L-arginine, or poly-L-lysine. This treatment increased the pI of the enzymes to >9.5. The washing performance of these enzymes in the presence of detergents was improved.

L7 ANSWER 22 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1994:595929 CAPLUS
DOCUMENT NUMBER: 121:195929
TITLE: Treatment of septic shock with conjugated biologically active peptides
INVENTOR(S): Hendi, Mukta; Rao, Meena; Williams, Taffy J.
PATENT ASSIGNEE(S): Magainin Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 139 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
WO 9413697	A1	19940623	WO 1993-US11841	19931206	<--
W: AU, CA, JP					
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE					
CA 2151046	A1	19940623	CA 1993-2151046	19931206	<--
AU 9457417	A	19940704	AU 1994-57417	19931206	<--
EP 672053	A1	19950920	EP 1994-903494	19931206	<--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE					
PRIORITY APPLN. INFO.:			US 1992-987443	A 19921207	
			WO 1993-US11841	W 19931206	

AB A compound is presented which is a conjugate of a biol. active amphiphilic peptide (an ion channel-forming peptide) and a conjugate moiety (a carbohydrate (such as dextran or hetastarch), a protein, polyvinyl pyrrolidone, a polyalkylene glycol, or polyvinyl alc.). Such compds. neutralize bacterial endotoxins, and thus are particularly useful in the treatment or prevention of septic shock. Peptide Lys-Phe-Ala-Lys-Lys-Phe-Ala-Lys-Phe-Ala-Lys-Lys-Phe-Ala-Lys-Phe-Ala-Lys-Lys-Phe-Ala-NH2 was coupled to dextran. Mice were challenged with endotoxin premixed with the conjugate. The survivor ratio was 3.3 and 9 on days 2 and 7.

L7 ANSWER 23 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1994:551718 CAPLUS
DOCUMENT NUMBER: 121:151718
TITLE: Specifically crosslinked hemoglobin with free functionality and method of preparing it
INVENTOR(S): Kluger, Ronald; Song, Yong Hong
PATENT ASSIGNEE(S): Can.

SOURCE: PCT Int. Appl., 38 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9411399	A1	19940526	WO 1993-CA480	19931112 <--
W: AT, AU, BB, BG, BR, BY, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 5399671	A	19950321	US 1992-978418	19921118 <--
CA 2149132	A1	19940526	CA 1993-2149132	19931112 <--
AU 9454153	A	19940608	AU 1994-54153	19931112 <--
AU 683029	B2	19971030		
EP 669940	A1	19950906	EP 1993-924476	19931112 <--
EP 669940	B1	19990210		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
HU 70740	A2	19951030	HU 1995-1448	19931112 <--
JP 08503456	T	19960416	JP 1993-511549	19931112 <--
AT 176673	T	19990215	AT 1993-924476	19931112 <--

PRIORITY APPLN. INFO.: US 1992-978418 A 19921118
WO 1993-CA480 W 19931112

AB Hb is site-specifically crosslinked into its tetrameric form by reaction with a trifunctional reagent which combines electrostatic effects, steric effects and the presence of functional groups so that two of the functional groups react with specific sites on the Hb while the third site is left free for reaction with endogenous nucleophilic compds. A specific example of such a crosslinking reagent is trimesoyl tris(3,5-dibromosalicylate), TDS, which effects specific crosslinking between the amino groups of lysine-82 on each resp. β sub-unit. While the crosslinking reagent TTDS has three available carboxyl groups for the crosslinking reaction, only two so react, leaving one free carboxyl for reaction with exogenous nucleophiles, e.g., to render the Hb product useful as a carrier for nucleophilic compds. through the body's circulatory system.

L7 ANSWER 24 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1993:546612 CAPLUS
DOCUMENT NUMBER: 119:146612
TITLE: Pharmaceutical compositions containing polymer derivative-bound anthracycline glycosides and a method for their preparation
INVENTOR(S): Adami, Marco; Magrini, Roberto; Maranghi, Paolo; Suarato, Antonino
PATENT ASSIGNEE(S): Farmitalia Carlo Erba S.r.l., Italy
SOURCE: PCT Int. Appl., 52 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9313804	A1	19930722	WO 1992-EP2968	19921221 <--
W: AU, CA, FI, HU, JP, KR, NZ, RU, UA				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2105466	A1	19930708	CA 1992-2105466	19921221 <--
AU 9333468	A	19930803	AU 1993-33468	19921221 <--
AU 666513	B2	19960215		

EP 574571	A1	19931222	EP 1993-902124	19921221	<--
EP 574571	B1	19990506			
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, NL, PT, SE					
JP 06505755	T	19940630	JP 1992-512103	19921221	<--
HU 74578	A2	19970128	HU 1993-2517	19921221	<--
HU 217806	B	20000428			
RU 2118171	C1	19980827	RU 1993-55778	19921221	<--
AT 179618	T	19990515	AT 1993-902124	19921221	<--
ES 2133380	T3	19990916	ES 1993-902124	19921221	<--
ZA 9210049	A	19931006	ZA 1992-10049	19921228	<--
US 6245358	B1	20010612	US 1992-997582	19921228	<--
IL 104256	A	19970218	IL 1992-104256	19921229	<--
PRIORITY APPLN. INFO.:			GB 1992-247	A 19920107	
			WO 1992-EP2968	A 19921221	

AB An antitumor lyophilized composition contains (1) a conjugate comprising N-alkyl methacrylamide-based copolymer and an anthracycline glycoside linked through a peptide spacer to the copolymer and (2) a solubilizing agent. Optionally, a targeting moiety is linked through a peptide spacer to the polymer. The composition shows a reduced dissoln. time when reconstituted with an aqueous diluent. A freeze-dried preparation containing a conjugate of doxorubicin with N-(2-hydroxypropyl)methacrylamide polymer and Gly-Phe-Leu-Gly spacer, equivalent to doxorubicin 5 mg, polysorbate 80 2mg, and lactose 140 mg was reconstituted with water in <1 min.

L7 ANSWER 25 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER:	1991:512546 CAPLUS
DOCUMENT NUMBER:	115:112546
TITLE:	N-acetyl-β-D-glucosaminyl-binding properties of the envelope glycoprotein of human immunodeficiency virus type 1
AUTHOR(S):	Gattegno, Liliane; Sadeghi, Hoss; Saffar, Line; Bladier, Dominique; Clerget-Raslain, Brigitte; Gluckman, Jean Claude; Bahraoui, Elmostafa
CORPORATE SOURCE:	Lab. Biol. Cell., Fac. Med. Paris-Nord, Bobigny, F-93012, Fr.
SOURCE:	Carbohydrate Research (1991), 213, 79-93 CODEN: CRBRAT; ISSN: 0008-6215
DOCUMENT TYPE:	Journal
LANGUAGE:	English

AB The effect of carbohydrate structures on the adsorption of HIV-1 or of recombinant envelope glycoprotein gp160 (rgp160) to cells of the CEM line was investigated with an indirect immunofluorescence assay using gp120-specific mouse monoclonal antibodies (mAbs) directed to envelope gp120. The β-D-galactosyl, α-D-mannosyl, β-D-glucosyl, N-acetyl-β-D-glucosaminyl, sialosyl, and L-fucosyl derivs. tested had no effect on this binding. However, preincubation of HIV-1 (or rgp160) with the neoglycoprotein, β-D-GlcNAc47-BSA, specifically inhibited the labeling, by some of the mAb used, of HIV-1 (or rgp160) bound at the cell membrane. This inhibition occurred only with mAbs that were specific for the immunodominant neutralizing third variable region (V3) of gp120. Competition for the binding to rgp160 between β-D-GlcNAc47-BSA and mAb was further demonstrated by use of affinity matrixes substituted with one of the relevant mAb (110-4), or with β-D-GlcNAc47-BSA. Besides β-D-GlcNAc47-BSA-Sepharose, rgp160 also bound with low-affinity, but high specificity, to two other N-acetyl-β-D-glucosaminyl affinity matrixes, β-D-GlcNAc-divinylsulfone-agarose and asialoagalactothyroglobulin-agarose. Conversely, β-D-[125I]GlcNA47-BSA bound specifically to gp160-Sepharose. Thus, rgp160 behaves as a N-acetyl-β-D-glucosaminyl-binding protein for GlcNAc residues presented at high d. on a carrier, the carbohydrate-binding site of which is close to, or located on the V3 region of gp120.

L7 ANSWER 26 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER:	1991:400778 CAPLUS
DOCUMENT NUMBER:	115:778

TITLE: Covalently-linked complexes and methods for enhanced cytotoxicity and imaging
INVENTOR(S): Anderson, David C.; Morgan, A. Charles; Abrams, Paul G.; Nichols, Everett J.; Fritzberg, Alan R.
PATENT ASSIGNEE(S): NeoRx Corp., USA
SOURCE: Eur. Pat. Appl., 23 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 359347	A2	19900321	EP 1989-250014	19890814 <--
EP 359347	A3	19900418		
EP 359347	B1	19921223		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
US 5135736	A	19920804	US 1988-232337	19880815 <--
US 5169933	A	19921208	US 1989-390241	19890807 <--
CA 1334513	C	19950221	CA 1989-608198	19890811 <--
JP 02124833	A	19900514	JP 1989-209992	19890814 <--
AT 83669	T	19930115	AT 1989-250014	19890814 <--

PRIORITY APPLN. INFO.: US 1988-232337 A 19880815
EP 1989-250014 A 19890814

AB Covalently-linked complexes (CLCs) for targeting a defined population of cells comprise a targeting protein (e.g. antibody, hormone, enzyme, etc.), a cytotoxic agent (e.g. radionuclide, toxin, drug, etc.) an enhancing moiety capable of enhancing CLC-target cell interaction (e.g. a translocating/internalizing moiety, an anchoring peptide, membrane-soluble hydrophobic mol., etc.). The CLCs are used to enhance in vivo cytotoxicity and imaging (no data). Translocating peptide, Cys-Gly-Glu-Ala-Ala-Leu-Ala(Glu-Ala-Leu-Ala)4-Glu-Ala-Leu-Glu-Ala-Leu-Ala-Ala-NH2, is conjugated via succinimidyl 4(N-maleimidemethyl)cyclohexane-1-carboxylate (SMCC) to reduced toxin A chain. The conjugate is reacted with iminothiolane to generate further thiol groups which are then bonded to reduced antibody to prepare translocating peptide-ricin A chain-antibody CLC.

L7 ANSWER 27 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1991:162279 CAPLUS
DOCUMENT NUMBER: 114:162279
TITLE: Intracellular signaling events associated with the induction of proliferation of normal human B lymphocytes by two different antigenically related human B cell growth factors (high molecular weight B cell growth factor (HMW-BCGF) and the complement factor Bb)
AUTHOR(S): Ambrus, Julian L., Jr.; Chesky, Laura; Chused, Thomas; Young, K. Randall, Jr.; McFarland, Patrick; August, Anna; Brown, Eric J.
CORPORATE SOURCE: Dep. Med., Jew. Hosp. St. Louis, St. Louis, MO, 63110, USA
SOURCE: Journal of Biological Chemistry (1991), 266(6), 3702-8
CODEN: JBCHA3; ISSN: 0021-9258
DOCUMENT TYPE: Journal
LANGUAGE: English

AB High mol. weight B cell growth factor (HMW-BCGF) and the complement component, factor B, are antigenically related. HMW-BCGF and the physiol. factor B activation fragment Bb, are both mitogenic for B lymphocytes and compete for binding to the B cell plasma membrane. To understand which second messengers that occur after ligand-receptor interaction are associated with mitogenesis, early signaling events were examined after stimulation of activated B cells with these related growth factors. HMW-BCGF but not Bb

increased [cAMP]i with a maximum between 45 and 60 min after stimulation. The increase in [cAMP]i was inhibited by indomethacin, suggesting that prostaglandin synthesis is involved in this response. Increase in [cAMP]i induced by HMW-BCGF, cholera toxin, or dibutyryl cAMP was associated with increased expression of the HMW-BCGF receptor, but there was no increase in proliferation of activated B cells when they were stimulated with cAMP agonists other than HMW-BCGF. Thus, cAMP is associated with regulation of receptor expression but is neither necessary nor sufficient for induction of proliferation. Both HMW-BCGF and Bb increased cellular levels of diacylglycerol and a water-soluble mol. which could be labeled with both [3H]myoinositol and [14C] glucosamine. However, only HMW-BCGF induced increases in intracellular Ca. Thus, two antigenically related B cell growth factors, HMW-BCGF and Bb, produce overlapping but distinct sets of second messengers after incubation with Staphylococcus aureus Cowan I-activated B cells. Since both induced increases in diacylglycerol and water-soluble inositol, one or both of these mols. may be involved in the proliferative signal generated by the related growth factors. In contrast, the increase in [cAMP]i caused by HMW-BCGF but not Bb is involved in the signal to increase HMW-BCGF receptor expression, but is unrelated to proliferation.

L7 ANSWER 28 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1991:39718 CAPLUS
DOCUMENT NUMBER: 114:39718
TITLE: Lectin binding in vivo versus lectin histochemistry
AUTHOR(S): Schumacher, U.; Borisch, B.; Welsch, U.
CORPORATE SOURCE: Dep. Anat., Univ. Munich, Munich, D-8000/2, Germany
SOURCE: Lectins: Biology, Biochemistry, Clinical Biochemistry (1990), 7, 385-90
CODEN: LBBBD5; ISSN: 0723-8878
DOCUMENT TYPE: Journal
LANGUAGE: English
AB FITC-labeled lectins were tested for binding to tissues (brain, kidney, liver, lung, and spleen) on i.v. application to female NMRI mice. No binding was observed in the blood vessels of the brain in contrast to the other organs studied. The lectin binding obtained after incubating tissue sections with the lectins differed from those obtained on i.v. application of the lectin.

L7 ANSWER 29 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1988:470880 CAPLUS
DOCUMENT NUMBER: 109:70880
TITLE: Carbohydrate components of hare oviduct studied by histochemical and biochemical techniques
AUTHOR(S): Menghi, G.; Accili, D.; Bondi, A. M.; Materazzi, G.
CORPORATE SOURCE: Dip. Biol. Cell., Univ. Camerino, Camerino, 62032, Italy
SOURCE: Basic and Applied Histochemistry (1988), 32(2), 203-17
CODEN: BAHID7; ISSN: 0391-7258
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Biochem. and histochem. analyses were carried out on the carbohydrate components of hare (Lepus europaeus) oviduct in anestrous condition. Biochem. tests demonstrated that all the glycosidic components typical of glycoproteins and glycosaminoglycans are present in the ampulla and in the isthmus regions of oviduct, and that differences exist in the sugar content between these 2 regions. In addition, lectin histochem. combined with glycosidase digestion and selective histochem. stainings provided a series of rather detailed information on the localization of different neutral sugars and aminosugars. Hypotheses are advanced on the probable meaning of the different composition of ampullary and isthmic glycoconjugates in relation to the physiol. differentiated roles of the 2 oviduct tracts.

L7 ANSWER 30 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1988:19917 CAPLUS
DOCUMENT NUMBER: 108:19917
TITLE: Structure of amino acid-glucosamine conjugate isolated from blood plasma of rats with Guerin carcinoma
AUTHOR(S): Glinskii, G. V.; Vinnitskii, V. B.
CORPORATE SOURCE: R. E. Kavetskii Inst. Oncol. Probl., Kiev, 252022, USSR
SOURCE: Eksperimental'naya Onkologiya (1987), 9(5), 78-80
CODEN: EKSODD; ISSN: 0204-3564
DOCUMENT TYPE: Journal
LANGUAGE: Russian
AB The conjugate of amino acids and glucosamine (glycamine) was purified to homogeneity from blood plasma of rats with Guerin carcinoma. The N-groups of amino acids in the glycamine are free. Amino acids are linked to glucosamine via carboxyl groups. Eight amino acid residues were identified in the glycamine mol. glutamic acid 2, serine 2, glycine 3, lysine 1. A spatial atomic-mol. model of the glycamine mol. was developed. Two glucosamine mols. are linked to diaminosaccharide via (1-4)-bond, 8 amino acid mols. are linked to diaminosaccharide via 6 ester and 2 pseudopeptide bonds.

L7 ANSWER 31 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1972:12122 CAPLUS
DOCUMENT NUMBER: 76:12122
TITLE: Conjugates of glucosamine in cockroach cuticle
AUTHOR(S): Lipke, H.
CORPORATE SOURCE: Dep. Biol., Univ. Massachusetts, Boston, MA, USA
SOURCE: Insect Biochemistry (1971), 1(2), 189-98
CODEN: ISBCAN; ISSN: 0020-1790
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Partial acid hydrolysis of sclerotized cuticle afforded fragments of mucoprotein with glycosyl, N-acetylglucosaminyl, and peptidyl residues refractory to digestion by peptidases and glycosylases. These fractions included: (1) a mannosylated chitodextrin; (2) a ketose-rich chitodextrin with the ketose moiety reducible by borohydride; and (3) a seryl- and threonyl-glycopeptide resistant to β-elimination of the oligosaccharide portion. A bound polyphenol was also present in this preparation with spectral characters resembling 3-4-dihydroxybenzoic acid.

L7 ANSWER 32 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1955:74277 CAPLUS
DOCUMENT NUMBER: 49:74277
ORIGINAL REFERENCE NO.: 49:14132f-g
TITLE: A glucosamine conjugate occurring in human urine
AUTHOR(S): King, J. Stanton, Jr.; Hyder, Nelta
CORPORATE SOURCE: S. E. Massengill Co., Bristol, TN
SOURCE: Proceedings of the Society for Experimental Biology and Medicine (1955), 89, 342-5
CODEN: PSEBAA; ISSN: 0037-9727
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
AB Normal adults excrete an unidentified nondialyzable hexosamine conjugate containing, per day, 21-48 mg. of bound hexosamine for men and 13-36 mg. for women. The conjugate originates endogenously but is unrelated in quantity to somatotype, age, or urinary volume There is no evidence that it is a mucoprotein. It appears to be principally a combination of glucosamine and galactose.

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L2           174 S L1 AND PY<=2003
L3             1 S L2 AND 2-DEOXYGLUCOSE
L4             0 S L2 AND (PHOTODYNAMIC OR PHOTOSENSITIVE)
L5             5 S L2 AND (DIAGNOSTIC OR DIAGNOSIS)
L6            47 S "GLUCOSAMINE CONJUGATE"
L7            32 S L6 AND PY<=2003

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L1 224 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
CC 11-2 (Plant Biochemistry)
TI Auxins in the development of an arbuscular mycorrhizal symbiosis in maize
ST corn auxin arbuscular mycorrhiza Glomus symbiosis; IAA IBA arbuscular mycorrhiza Glomus symbiosis Zea
IT Zea mays
(Auxins in the development of an arbuscular mycorrhizal symbiosis in corn)
IT Glomus intraradices
Symbiosis
(auxins in the development of an arbuscular mycorrhizal symbiosis in maize)
IT Auxins
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(auxins in the development of an arbuscular mycorrhizal symbiosis in maize)
IT Growth and development, plant
(root; auxins in the development of an arbuscular mycorrhizal symbiosis in maize)
IT Mycorrhiza
(vesicular-arbuscular; auxins in the development of an arbuscular mycorrhizal symbiosis in maize)
IT 50-99-7D, D-Glucose, conjugate with
1H-indole-3-butanoic acid 56-41-7D, L-Alanine, conjugate with
1H-indole-3-butanoic acid 87-51-4, IAA, biological studies 133-32-4,
IBA 133-32-4D, IBA, conjugate with L-alanine or D-glucose 9012-56-0,
Amidohydrolase 153233-36-4
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(auxins in the development of an arbuscular mycorrhizal symbiosis in maize)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> d scan l2

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
IC ICM C07D213-02
ICS C07H017-02
INCL 536055300
CC 33-4 (Carbohydrates)
Section cross-reference(s): 9
TI Method of producing a fluorescence-labeled carbohydrate or protein conjugate utilizing a bifunctional 2-aminopyridine
ST bifunctional aminopyridine fluorescent label carbohydrate protein
IT Carbohydrates and Sugars, reactions
Glycoproteins, reactions
Proteins, reactions
RL: ANT (Analyte); RCT (Reactant); ANST (Analytical study); RACT (Reactant or reagent)
(fluorescence-labeled carbohydrate or protein conjugate of a bifunctional 2-aminopyridine)
IT 50-99-7, D-Glucose, reactions 69-79-4, Maltose 1109-28-0, Maltotriose
3458-28-4, D-Mannose 20911-93-7
RL: ANT (Analyte); RCT (Reactant); ANST (Analytical study); RACT (Reactant or reagent)
(fluorescence-labeled carbohydrate or protein conjugate of a bifunctional 2-aminopyridine)
IT 153140-18-2P 153220-87-2P
RL: ARG (Analytical reagent use); PUR (Purification or recovery); RCT

(Reactant); SPN (Synthetic preparation); ANST (Analytical study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(fluorescence-labeled carbohydrate or protein conjugate of a bifunctional 2-aminopyridine)

IT 153140-16-0P, 2-Amino-6-(2-carboxyethyl)pyridine 173273-19-3P 173273-21-7P 173273-33-1P
RL: ARG (Analytical reagent use); RCT (Reactant); SPN (Synthetic preparation); ANST (Analytical study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(fluorescence-labeled carbohydrate or protein conjugate of a bifunctional 2-aminopyridine)

IT 159106-74-8P
RL: ARG (Analytical reagent use); SPN (Synthetic preparation); ANST (Analytical study); PREP (Preparation); USES (Uses)
(fluorescence-labeled carbohydrate or protein conjugate of a bifunctional 2-aminopyridine)

IT 76-83-5, Trityl chloride 105-53-3, Diethyl malonate 407-25-0, Trifluoroacetic anhydride 13139-17-8, N-(Benzyloxycarbonyloxy)succinimide 24424-99-5, Di-tert-butyl dicarbonate 69142-64-9, Ethyl 6-aminopyridine-2-carboxylate 153140-29-5, 2-Acetylamino-6-(2-cyanoethyl)pyridine
RL: RCT (Reactant); RACT (Reactant or reagent)
(fluorescence-labeled carbohydrate or protein conjugate of a bifunctional 2-aminopyridine)

IT 153140-17-1P, 2-Amino-6-(2-cyanoethyl)pyridine 153140-20-6P, 2-Acetylamino-6-(3-acetylaminopropyl)pyridine 153140-21-7P 153140-22-8P, 2-Formyl-6-(tritylamino)pyridine 153140-23-9P 153140-24-0P 153140-25-1P 153140-26-2P 153140-27-3P 173273-20-6P 173273-22-8P 173273-29-5P 173273-30-8P 173273-31-9P 173273-34-2P 173273-35-3P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(fluorescence-labeled carbohydrate or protein conjugate of a bifunctional 2-aminopyridine)

IT 153140-19-3P
RL: SPN (Synthetic preparation); PREP (Preparation)
(fluorescence-labeled carbohydrate-protein neoconjugate model; fluorescence-labeled carbohydrate or protein conjugate of a bifunctional 2-aminopyridine)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
CC 5-1 (Agrochemical Bioregulators)
Section cross-reference(s): 17
TI Metsulfuron methyl
ST metsufuron methyl property chromatog; Ally herbicide chromatog; Escort herbicide chromatog
IT Food analysis
Plant analysis
(metsulfuron Me and its metabolites determination in, chromatog.)

IT 102394-28-5 120834-60-8
RL: BIOL (Biological study)
(metsulfuron Me metabolite, chromatog. determination of)

IT 74223-64-6
RL: BIOL (Biological study)
(properties and chromatog. determination of)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
IC ICM A61K047-48
CC 1-5 (Pharmacology)
Section cross-reference(s): 27, 33
TI 1,2,3,4-Tetrahydroisoquinoline-1,3-dione glycoconjugates, their

preparation, and their use as antiviral agents
ST tetrahydroisoquinolinedione glycoconjugate prepn antiviral HIV
IT Glycosylation
(Koenigs-Knorr reaction; tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)
IT Disaccharides
Monosaccharides
Trisaccharides
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(conjugates; tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)
IT Peptides, biological studies
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(gp120 fragments; tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)
IT CD4 (antigen)
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(gp120-CD4 binding; tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)
IT Envelope proteins
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(gp120env, gp120-CD4 binding; tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)
IT Glycosides
RL: RCT (Reactant); RACT (Reactant or reagent)
(haloalkyl; tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)
IT Conformation
(protein, gp120 switch inhibition; tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)
IT AIDS (disease)
Anti-AIDS agents
Antiviral agents
CD4-positive T cell
Drug delivery systems
Substitution reaction, nucleophilic
(tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)
IT Oligosaccharides, biological studies
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(tetrasaccharides, conjugates; tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)
IT Infection
(viral; tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)
IT 534-16-7, Silver carbonate 592-04-1, Mercuric cyanide 2923-28-6, Silver triflate 7784-09-0, Silver phosphate 10031-18-2, Mercurous bromide 59239-83-7
RL: RGT (Reagent); RACT (Reactant or reagent)
(activator; tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)
IT 479190-98-2
RL: BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)
(gp120 fragment; tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)
IT 60-29-7, Ether, uses 75-09-2, Dichloromethane, uses 75-52-5, Nitromethane, uses 109-99-9, Tetrahydrofuran, uses
RL: NUU (Other use, unclassified); USES (Uses)
(solvent; tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)
IT 479190-87-9P 479190-88-0P 479190-90-4P
RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic

preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)

IT 479190-89-1P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)

IT 50-69-1D, D-Ribose, conjugates with tetrahydroisoquinolinedione derivs. 50-99-7D, D-Glucose, conjugates with tetrahydroisoquinolinedione derivs. 57-48-7D, D-Fructose, conjugates with tetrahydroisoquinolinedione derivs. 59-23-4D, D-Galactose, conjugates with tetrahydroisoquinolinedione derivs. 488-33-5D, D-Idonic acid, conjugates with tetrahydroisoquinolinedione derivs. 526-95-4D, D-Gluconic acid, conjugates with tetrahydroisoquinolinedione derivs. 533-67-5D, conjugates with tetrahydroisoquinolinedione derivs. 576-36-3D, D-Galactonic acid, conjugates with tetrahydroisoquinolinedione derivs. 642-98-8D, D-Ribonic acid, conjugates with tetrahydroisoquinolinedione derivs. 642-99-9D, D-Mannonic acid, conjugates with tetrahydroisoquinolinedione derivs. 669-90-9D, D-arabino-2-Hexulosonic acid, conjugates with tetrahydroisoquinolinedione derivs. 1990-29-0D, D-Altrose, conjugates with tetrahydroisoquinolinedione derivs. 2595-97-3D, D-Allose, conjugates with tetrahydroisoquinolinedione derivs. 2595-98-4D, D-Talose, conjugates with tetrahydroisoquinolinedione derivs. 3458-28-4D, D-Mannose, conjugates with tetrahydroisoquinolinedione derivs. 4205-23-6D, D-Gulose, conjugates with tetrahydroisoquinolinedione derivs. 4456-77-3D, 1,2,3,4-Tetrahydroisoquinoline-1,3-dione, derivs., glycoconjugates 5978-95-0D, D-Idose, conjugates with tetrahydroisoquinolinedione derivs. 7284-15-3D, conjugates with tetrahydroisoquinolinedione derivs. 20246-33-7D, D-Gulonic acid, conjugates with tetrahydroisoquinolinedione derivs. 20246-35-9D, D-Talonic acid, conjugates with tetrahydroisoquinolinedione derivs. 21675-42-3D, D-Allonic acid, conjugates with tetrahydroisoquinolinedione derivs. 22430-69-9D, D-Altronic acid, conjugates with tetrahydroisoquinolinedione derivs.
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)

IT 79-44-7, Dimethylcarbamoyl chloride 83-87-4, Pentaacetylglucose 103-71-9, Phenyl isocyanate, reactions 492-61-5D, β-D-Glucopyranose, derivs. 540-51-2, 2-Bromoethanol 590-28-3, Potassium isocyanate 604-68-2 624-83-9, Methyl isocyanate 627-18-9 1795-48-8, Isopropyl isocyanate 3344-77-2 4286-55-9 6919-96-6 13280-08-5 14576-22-8 19285-38-2 50816-19-8, 8-Bromooctanol 53463-68-6, 10-Bromodecanol 114682-36-9 138479-78-4 170831-26-2 479190-97-1
RL: RCT (Reactant); RACT (Reactant or reagent)
(tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)

IT 112928-39-9P 112928-42-4P 479190-93-7P 479190-94-8P 479190-95-9P 479190-96-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)

IT 7646-69-7, Sodium hydride 27607-77-8, Trimethylsilyl triflate
RL: RGT (Reagent); RACT (Reactant or reagent)
(tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)

IT 16977-78-9P 16977-81-4P 16977-84-7P 85193-55-1P 112928-38-8P 112928-41-3P 112951-92-5P 112951-93-6P 297740-74-0P 382607-64-9P

382607-65-0P 382607-66-1P 382607-67-2P 382607-68-3P 479190-92-6P
RL: SPN (Synthetic preparation); PREP (Preparation)
(tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
TI Immunoaffinity sample cleanup and capillary electrophoresis (CE) determinative analysis of residues of imazamox herbicide and its two polar metabolites in soybean seed.

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
CC 13-1 (Mammalian Biochemistry)
TI Lectin-binding histochemistry of intracellular and extracellular glycoconjugates of the reserve cell zone of growth plate cartilage
ST glycoconjugate cartilage growth plate; carbohydrate conjugate cartilage growth plate
IT Sialic acids
RL: BIOL (Biological study)
(glycoconjugates capping by, in growth plate cartilage reserve cell zone)
IT Extracellular matrix
(glycoconjugates of, of growth plate cartilage of reserve cell zone)
IT Chondrocyte
(glycoconjugates of, of growth plate cartilage reserve cell zone)
IT Cartilage
(articular, glycoconjugates distribution in, bone epiphysis ossification in relation to)
IT Carbohydrates and Sugars, compounds
RL: PROC (Process)
(conjugates, of growth plate cartilage reserve cell zone and other areas, distribution of)
IT Bone, composition
(growth plate, glycoconjugates distribution in cartilage reserve cell zone of, ossification in relation to)
IT 50-99-7D, Glucose, conjugates containing 59-23-4D, D-Galactose, conjugates containing 2438-80-4D, L-Fucose, conjugates containing
3458-28-4D, D-Mannose, conjugates containing 7512-17-6D, N-Acetylglucosamine, conjugates containing
RL: PROC (Process)
(of growth plate cartilage reserve cell zone and other areas, distribution of)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
CC 4-4 (Toxicology)
Section cross-reference(s): 11, 17
TI Identification of Fonofos Metabolites in Latuca sativa, Beta vulgaris, and Triticum aestivum by Packed Capillary Flow Fast Atom Bombardment Tandem Mass Spectrometry
ST fonofos metab lettuce beet wheat
IT Beta vulgaris
Lactuca sativa
Triticum aestivum
(identification of fonofos metabolites in Latuca sativa, Beta vulgaris, and Triticum aestivum by packed capillary flow fast atom bombardment tandem mass spectrometry)
IT 944-22-9DP, Fonofos, metabolites 3112-85-4P, Methylphenyl sulfone
418791-49-8P 418791-51-2P 418791-53-4P 418791-56-7P 418791-59-0P
RL: BSU (Biological study, unclassified); PRP (Properties); PUR

(Purification or recovery); BIOL (Biological study); PREP (Preparation)
(identification of fonofos metabolites in Latuca sativa, Beta vulgaris, and Triticum aestivum by packed capillary flow fast atom bombardment tandem mass spectrometry)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
CC 10-2 (Microbial, Algal, and Fungal Biochemistry)
Section cross-reference(s): 16, 17
TI Metabolism of the Fusarium mycotoxins zearalenone and deoxynivalenol by yeast strains of technological relevance
ST Fusarium mycotoxin zearalenone metab yeast
IT Yeast
(metabolism of zearalenone but not deoxynivalenol by yeast strains)
IT Brettanomyces
Candida tropicalis
Hansenula
Pichia fermentans
Saccharomycopsis
Schizosaccharomyces
Torulaspora delbrueckii
Zygosaccharomyces rouxii
(metabolism of zearalenone by yeast strains)
IT Fusarium
(metabolism of zearalenone mycotoxin from Fusarium by yeast strains)
IT 17924-92-4, Zearalenone
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(metabolism of zearalenone by yeast strains)
IT 36455-72-8, α-Zearalenol 71030-11-0, β-Zearalenol
RL: BSU (Biological study, unclassified); MFM (Metabolic formation); BIOL (Biological study); FORM (Formation, nonpreparative)
(metabolite; metabolism of zearalenone by yeast strains)
IT 51481-10-8, Deoxynivalenol
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(yeast strains metabolism zearalenone but not deoxynivalenol)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
CC 13-3 (Mammalian Biochemistry)
TI Light-microscopic studies on spatial and temporal binding of the lectins concanavalin A, wheat-germ agglutinin and peanut agglutinin in early rat odontogenesis
ST tooth formation carbohydrate fetus; glycoconjugate tooth formation basement membrane
IT Extracellular matrix
(carbohydrates of glycoproteins of, in tooth formation in fetus distribution of)
IT Glycoproteins, biological studies
RL: BIOL (Biological study)
(carbohydrates of, of extracellular matrix in tooth formation in fetus, distribution of)
IT Tooth
(formation of, glycoconjugate distribution in, in fetus)
IT Basement membrane
(glycoconjugates of, in tooth formation in fetus, distribution of)
IT Carbohydrates and Sugars, compounds
RL: BIOL (Biological study)
(conjugates, in tooth formation in fetus, distribution of, cell-matrix interactions in relation to)
IT Embryo
(fetus, glycoconjugate distribution in tooth formation in)
IT 50-99-7D, D-Glucose, conjugates 7296-15-3D,

α-D-Mannose, conjugates 7296-64-2D, conjugates 7512-17-6D, conjugates
RL: BIOL (Biological study)
(in tooth formation, in fetus, distribution of, cell-matrix interactions in relation to)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
CC 6-0 (General Biochemistry)
TI Transportability and recognizability of SGLT1 for alkyl glucosides: TRN (transportable, recognizable, non-interactive) classification of glucose conjugates
ST review SGLT1 alkyl glucoside transport recognition classification
IT Transport proteins
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(SGLT1 (sodium-dependent glucose-transporting, 1); transport, recognition and classification of n-alkyl β-glucosides)
IT Classification
(classification of n-alkyl β-glucosides to three types, transportable (Class T), recognizable (Class R) and non-interactive (Class N) conjugates)
IT Glycosides
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(n-alkyl, β-; transport, recognition and classification of n-alkyl β-glucosides)
IT Biological transport
Molecular recognition
(transport, recognition and classification of n-alkyl β-glucosides)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
CC 9-3 (Biochemical Methods)
Section cross-reference(s): 66
TI Glucose-silicas for high-performance gel-filtration and ion-exchange chromatography
ST glucose silica stationary phase liq chromatog; gel chromatog glucose silica stationary phase; ion exchange chromatog glucose silica
IT Proteins, analysis
RL: ANST (Analytical study)
(separation of, by chromatog. on glucose-silica stationary phases)
IT Chromatography, column and liquid
(high-performance ion-exchange, stationary phases, glucose-silicas as)
IT Chromatography, gel
(high-performance, stationary phases, glucose-silicas as)
IT 50-99-7D, D-Glucose, silica conjugates 7631-86-9D, Silica, glucose conjugates
RL: ANST (Analytical study)
(stationary phases, for liquid chromatog.)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
CC 5-4 (Agrochemical Bioregulators)
TI Metabolism of the synthetic pyrethroid fenpropathrin in plants
ST fenpropathrin metab plant; pyrethroid metab plant
IT Cabbage
(fenpropathrin metabolism by)
IT Root absorption
Translocation
(of fenpropathrin)

IT Apple
Bean
Grape
Orange
Tomato
(tetramethylcyclopropanecarboxylic acid uptake and metabolism by, fenpropathrin in relation to)
IT 56-84-8, biological studies 70-47-3, biological studies 923-01-3 16051-95-9
RL: FORM (Formation, nonpreparative)
(formation of, from hydrogen cyanide, in cabbage leaves)
IT 3739-38-6 13826-35-2 17219-45-3 35065-12-4 35101-26-9 66280-02-2 66280-09-9 66403-98-3 68749-34-8 68749-36-0 96475-59-1 96475-60-4 97280-56-3 97280-57-4 97280-58-5 97280-59-6 97280-60-9 97280-66-5 155913-61-4
RL: BIOL (Biological study)
(in fenpropathrin metabolism by plants)
IT 3739-38-6D, conjugates 13826-35-2D, conjugates 15641-58-4D, conjugates 17219-45-3D, conjugates 35065-12-4D, conjugates 35101-26-9D, conjugates 66280-02-2D, conjugates 66403-98-3D, conjugates 68749-36-0D, conjugates 96475-60-4D, conjugates 97280-61-0D, conjugates 97280-62-1D, conjugates 97280-63-2D, conjugates 97280-64-3D, conjugates 97280-65-4D, conjugates 155913-61-4D, conjugates
RL: BIOL (Biological study)
(in fenpropathrin metabolism in cabbage)
IT 39515-41-8
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(metabolism of, by plants)
IT 74-90-8, biological studies 15641-58-4
RL: BIOL (Biological study)
(uptake and metabolism of, by plants)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
IC ICM A61K031-70
ICS A61K047-48
CC 1-12 (Pharmacology)
TI Treatment of C. difficile toxin B associated conditions
ST Clostridium toxin disease neutralization oligosaccharide diarrhea; diarrhea treatment Clostridium toxin neutralization oligosaccharide
IT Oligosaccharides, biological studies
RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
(conjugates with SYNSORB; treatment of C. difficile toxin B associated conditions such as diarrhea and pseudomembranous colitis using oligosaccharides attached to inert support through linker arm which bind toxins A and B)
IT Toxins
RL: ADV (Adverse effect, including toxicity); BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(entertoxins, Clostridium, A and B; treatment of C. difficile toxin B associated conditions such as diarrhea and pseudomembranous colitis using oligosaccharides attached to inert support through linker arm which bind toxins A and B)
IT Intestine, disease
(pseudomembranous enterocolitis; treatment of C. difficile toxin B associated conditions such as diarrhea and pseudomembranous colitis using oligosaccharides attached to inert support through linker arm which bind toxins A and B)
IT Antidiarrheals

Clostridium difficile
(treatment of C. difficile toxin B associated conditions such as diarrhea and pseudomembranous colitis using oligosaccharides attached to inert support through linker arm which bind toxins A and B)

IT 50-99-7D, Glucose, conjugates with SYNSORB 69-79-4D, Maltose, conjugates with SYNSORB 499-40-1D, Isomaltose, conjugates with SYNSORB 528-50-7D, Cellobiose, conjugates with SYNSORB 577-76-4D, Chitobiose, conjugates with SYNSORB 3371-50-4D, Isomaltotriose, conjugates with SYNSORB 7368-73-2D, conjugates with SYNSORB 41744-59-6D, conjugates with SYNSORB 83382-98-3D, SYNSORB, conjugates with oligosaccharides
RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
(treatment of C. difficile toxin B associated conditions such as diarrhea and pseudomembranous colitis using oligosaccharides attached to inert support through linker arm which bind toxins A and B)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
CC 15-10 (Immunochemistry)
TI Cholesteryl hemisuccinate's inductive effect on membrane rigidization regarding both, its remodelling of the cells' surface receptor pattern and its decreasing the natural killer susceptibility of K-562 cells
ST glycoconjugate tumor membrane natural killer susceptibility; transferrin receptor tumor natural killer susceptibility
IT Cell membrane
(fluidity of, lectin and transferrin receptors response to, of tumor, natural killer cell susceptibility in relation to)
IT Neoplasm, composition
(lectin and transferrin receptors of, membrane fluidity effect on, natural killer cell susceptibility in relation to)
IT Carbohydrates and Sugars, compounds
RL: BIOL (Biological study)
(conjugates, Con A-binding, of tumor cell membrane, in natural killer cell susceptibility)
IT Lymphocyte
(natural killer cell, tumor cell susceptibility to, tumor membrane fluidity in, lectin and transferrin receptor remodeling in relation to)
IT 492-62-6D, α-D- Glucose, conjugates 7296-15-3D, α-D-Mannose, conjugates
RL: BIOL (Biological study)
(of tumor cell membrane, in natural killer cell susceptibility)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
CC 1-2 (Pharmacodynamics)
TI The isolation and identification of 14C-sulfamethazine {4-amino-N-(4,6-dimethyl-2-pyrimidinyl)[14C]benzenesulfonamide} metabolites in the tissues and excreta of swine
ST sulfamethazine metab
IT 100-90-3 6149-31-1
RL: BIOL (Biological study)
(as sulfamethazine metabolite)
IT 57-68-1
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(metabolism of)
IT 55101-26-3P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and as sulfamethazine metabolite)
IT 52288-04-7P
RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation of)
IT 50-99-7, biological studies
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with sulfamethazine)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
IC ICM C12N015-09
ICS C07H021-04; A61K031-70; A61K048-00
CC 3-1 (Biochemical Genetics)
Section cross-reference(s): 9
TI Nuclease-resistant oligonucleotide-carbohydrate conjugates as inhibitors for gene expression
ST gene expression inhibitor oligonucleotide carbohydrate conjugate; nuclease resistance oligonucleotide carbohydrate conjugate; sucrose crosslinking oligonucleotide nuclease resistance
IT Gene
(expression; nuclease-resistant oligonucleotide-carbohydrate conjugates as inhibitors for gene expression)
IT Crosslinking agents
Gene therapy
(nuclease-resistant oligonucleotide-carbohydrate conjugated by)
IT Phosphorothioate oligodeoxyribonucleotides
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(nuclease-resistant oligonucleotide-carbohydrate conjugated by)
IT Carbohydrates, biological studies
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(nuclease-resistant oligonucleotide-carbohydrate conjugates as inhibitors for gene expression)
IT Oligonucleotides
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(nuclease-resistant oligonucleotide-carbohydrate conjugates as inhibitors for gene expression)
IT Functional groups
(phosphodiester; nuclease-resistant oligonucleotide-carbohydrate conjugated by)
IT 57772-64-2
RL: NUU (Other use, unclassified); USES (Uses)
(crosslinking agent; nuclease-resistant oligonucleotide-carbohydrate conjugated by)
IT 9026-81-7, Nuclease
RL: ADV (Adverse effect, including toxicity); CAT (Catalyst use); BIOL (Biological study); USES (Uses)
(nuclease-resistant oligonucleotide-carbohydrate conjugates as inhibitors for gene expression)
IT 50-99-7D, Glucose, conjugates with oligonucleotide
57-50-1D, Sucrose, conjugates with oligonucleotide 3458-28-4D, Mannose, conjugates with oligonucleotide 32181-59-2D, N-Acetyllactosamine, conjugates with oligonucleotide 98603-84-0D, Sialyl Lewis x, conjugates with oligonucleotide
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(nuclease-resistant oligonucleotide-carbohydrate conjugates as inhibitors for gene expression)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
CC 1-2 (Pharmacology)
Section cross-reference(s): 4
TI Identification of urinary metabolites of cannabidiol in the dog
ST cannabidiol metabolite identification urine
IT Urine
(cannabidiol metabolites in)
IT 13956-29-1, Cannabidiol
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(metabolism of, urinary metabolites identification in)
IT 50725-17-2 61361-39-5 61361-42-0 61361-46-4 63958-73-6
63958-78-1 63958-79-2 63958-80-5 63958-84-9 63958-85-0
74513-75-0 127876-02-2 130413-89-7 130413-92-2 130413-93-3
131419-40-4 131419-41-5 131419-42-6 131419-43-7 131419-44-8
131419-45-9 131419-46-0 131419-47-1 131419-48-2 131419-49-3
131419-50-6 131419-51-7 131419-52-8 131419-53-9 131419-55-1
131419-56-2 131419-57-3 131419-58-4 131419-59-5 131419-60-8
131419-61-9 132469-12-6
RL: BIOL (Biological study)
(of urine, as cannabidiol metabolite)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
CC 4-4 (Toxicology)
Section cross-reference(s): 5
TI Metabolism of Cytrolane systemic insecticide (mephosfolan), propylene (diethoxyphosphinyl)dithioimidocarbonate, in cotton plants
ST Cytrolane metab cotton plant; mephosfolan metab cotton plant
IT Cotton
(Cytrolane metabolism by)
IT 63353-71-9 63353-72-0
RL: BIOL (Biological study)
(Cytrolane metabolite, in cotton plants)
IT 18852-39-6
RL: RCT (Reactant); RACT (Reactant or reagent)
(bromination of)
IT 4386-50-9
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(metabolism of)
IT 950-10-7
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(metabolism of, by cotton plants)
IT 63321-73-3P 63321-74-4P
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(preparation and toxicity of)
IT 54507-97-0P 63321-75-5P 63321-76-6P 63321-77-7P 63321-78-8P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
IT 814-49-3
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with (hydroxymethyl)ethylene dithioimidocarbonate hydrochloride)
IT 1498-51-7
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with propylene dithioimidocarbonate)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN

IC ICM A61K031-70
INCL 514053000
CC 1-6 (Pharmacology)
Section cross-reference(s): 63
TI Method and compositions for treating malignant tumors and inhibiting growth and metastases of malignant tumors
ST tumor metastasis inhibitor lactose conjugate
IT Antitumor agents
Antitumor agents
(Hodgkin's disease inhibitors; saccharide-cytotoxic agent conjugates and glutathione reductase inhibitors for inhibiting growth of tumors and metastases)
IT Antitumor agents
Antitumor agents
Antitumor agents
(bronchi carcinoma; saccharide-cytotoxic agent conjugates and glutathione reductase inhibitors for inhibiting growth of tumors and metastases)
IT Bronchi
Bronchi
Bronchi
Lung, neoplasm
Ovary, neoplasm
Pancreas, neoplasm
Pancreas, neoplasm
Prostate gland
Testis, neoplasm
Testis, neoplasm
(carcinoma, inhibitors; saccharide-cytotoxic agent conjugates and glutathione reductase inhibitors for inhibiting growth of tumors and metastases)
IT Antitumor agents
(colon carcinoma; saccharide-cytotoxic agent conjugates and glutathione reductase inhibitors for inhibiting growth of tumors and metastases)
IT Intestine, neoplasm
(colon, carcinoma, inhibitors; saccharide-cytotoxic agent conjugates and glutathione reductase inhibitors for inhibiting growth of tumors and metastases)
IT Liver, neoplasm
(hepatoma, inhibitors; saccharide-cytotoxic agent conjugates and glutathione reductase inhibitors for inhibiting growth of tumors and metastases)
IT Antitumor agents
(hepatoma; saccharide-cytotoxic agent conjugates and glutathione reductase inhibitors for inhibiting growth of tumors and metastases)
IT Hodgkin's disease
Hodgkin's disease
(inhibitors; saccharide-cytotoxic agent conjugates and glutathione reductase inhibitors for inhibiting growth of tumors and metastases)
IT Antitumor agents
(lung carcinoma; saccharide-cytotoxic agent conjugates and glutathione reductase inhibitors for inhibiting growth of tumors and metastases)
IT Antitumor agents
(mammary gland; saccharide-cytotoxic agent conjugates and glutathione reductase inhibitors for inhibiting growth of tumors and metastases)
IT Antitumor agents
(metastasis; saccharide-cytotoxic agent conjugates and glutathione reductase inhibitors for inhibiting growth of tumors and metastases)
IT Mammary gland
(neoplasm, inhibitors; saccharide-cytotoxic agent conjugates and glutathione reductase inhibitors for inhibiting growth of tumors and metastases)
IT Antitumor agents
(ovary carcinoma; saccharide-cytotoxic agent conjugates and glutathione reductase inhibitors for inhibiting growth of tumors and metastases)

IT Antitumor agents
(pancreas carcinoma; saccharide-cytotoxic agent conjugates and glutathione reductase inhibitors for inhibiting growth of tumors and metastases)
IT Antitumor agents
(prostate carcinoma; saccharide-cytotoxic agent conjugates and glutathione reductase inhibitors for inhibiting growth of tumors and metastases)
IT Antitumor agents
(rectum carcinoma; saccharide-cytotoxic agent conjugates and glutathione reductase inhibitors for inhibiting growth of tumors and metastases)
IT Intestine, neoplasm
(rectum, carcinoma, carcinoma, inhibitors; saccharide-cytotoxic agent conjugates and glutathione reductase inhibitors for inhibiting growth of tumors and metastases)
IT Intestine, neoplasm
(rectum, carcinoma, inhibitors; saccharide-cytotoxic agent conjugates and glutathione reductase inhibitors for inhibiting growth of tumors and metastases)
IT Antitumor agents
Antitumor agents
(testis carcinoma; saccharide-cytotoxic agent conjugates and glutathione reductase inhibitors for inhibiting growth of tumors and metastases)
IT 50-63-5, Chloroquine diphosphate 50-69-1D, Ribose, conjugates with cytotoxic agents 50-99-7D, D-Glucose, conjugates with cytotoxic agents, biological studies 51-61-6D, Dopamine, saccharide conjugates 56-54-2, Quinidine 57-48-7D, Fructose, conjugates with cytotoxic agents 57-50-1D, conjugates with cytotoxic agents 58-86-6D, Xylose, conjugates with cytotoxic agents 59-23-4D, Galactose, conjugates with cytotoxic agents 59-92-7, biological studies 59-92-7D, saccharide conjugates 60-56-0, Methimazole 60-93-5, Quinine dihydrochloride 63-42-3D, Lactose, conjugates with cytotoxic agents 65-42-9D, Lyxose, conjugates with cytotoxic agents 65-85-0D, Benzoic acid, saccharide conjugates, biological studies 67-45-8, Nifulidone 69-79-4D, Maltose, conjugates with cytotoxic agents 80-46-6D, 4-tert-Amyl phenol, saccharide conjugates 83-75-0, Quinine ethylcarbonate 93-35-6D, 7-Hydroxy coumarin, saccharide conjugates 98-54-4D, 4-tert-Butyl phenol, saccharide conjugates 99-24-1D, Methyl gallate., saccharide conjugates 117-72-6 123-31-9D, 1,4-Benzenediol, saccharide conjugates, biological studies 130-90-5, Quinine formate 130-93-8, Quinine acetylsalicylate 130-94-9, Quinine ethyl sulfate 130-95-0 130-95-0D, tannin complexes 144-48-9, Iodo-acetamide 146-06-5, Quinine carbonate 146-39-4, Quinine glycerophosphate 146-41-8, Quinine phenolsulfonate 147-81-9D, Arabinose, conjugates with cytotoxic agents 150-76-5D, 4-Methoxy phenol, derivs., saccharide conjugates 150-76-5D, 4-Hydroxyanisole, saccharide conjugates 443-48-1, Metronidazole 528-50-7D, Cellobiose, conjugates with cytotoxic agents 541-15-1 549-47-3, Quinine dihydrobromide 549-48-4, Quinine dihydriodide 549-49-5, Quinine hydrobromide 549-50-8, Quinine hydroiodide 549-52-0, Quinine urea hydrochloride 549-56-4, Quinine bisulfate 749-49-5, Quinine lactate 750-90-3, Quinine salicylate 804-63-7, Quinine sulfate 1758-51-6D, Erythrose, conjugates with cytotoxic agents 1811-31-0D, N-Acetylgalactosamine, conjugates with cytotoxic agents 3458-28-4D, D-Mannose, conjugates with cytotoxic agents 3615-41-6D, Rhamnose, conjugates with cytotoxic agents 4325-25-1, Quinine gluconate 7512-17-6D, conjugates with cytotoxic agents 19163-87-2D, Gulose, conjugates with cytotoxic agents 21373-30-8D, 6-Hydroxydopa, saccharide conjugates 27213-78-1D, tert-Butylcatechol, saccharide conjugates 69758-70-9, Quinine benzoate 150412-80-9
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(saccharide-cytotoxic agent conjugates and glutathione reductase

inhibitors for inhibiting growth of tumors and metastases)
IT 9001-48-3, Glutathione reductase.
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(saccharide-cytotoxic agent conjugates and glutathione reductase inhibitors for inhibiting growth of tumors and metastases)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
CC 4-2 (Toxicology)
TI Identification of glucose conjugates as major urinary metabolites of cannabidiol in the dog
ST cannabidiol glucose metabolite urine; forensic cannabidiol glucose metabolite
IT Legal chemistry and medicine
(cannabidiol glucose conjugate of urine in relation to)
IT Urine
(cannabidiol glucose conjugates of, after cannabidiol exposure)
IT 13956-29-1, Cannabidiol
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(metabolism of, glucose conjugates of urine in)
IT 59877-47-3 126371-03-7 126420-96-0
RL: BIOL (Biological study)
(of urine, after cannabidiol exposure)
IT 13956-29-1D, Cannabidiol, metabolites
RL: BIOL (Biological study)
(of urine, after exposure)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
IC ICM A61K051-00
ICS A61K051-08; G01N033-48; C07K005-12; C07K007-08; C07H017-08; A61K038-08; A61K038-12
CC 63-5 (Pharmaceuticals)
Section cross-reference(s): 8
TI Conjugates comprising cancer cell specific ligands, a sugar and diagnostic agents, and uses thereof
ST cyclic peptide sugar contrast agent conjugate tumor imaging
IT Imaging agents
(NMR contrast; tumor-targeted imaging agents)
IT Drug delivery systems
(carriers; tumor-targeted imaging agents)
IT Positron-emission tomography
(imaging agents; tumor-targeted imaging agents)
IT Drug delivery systems
(prodrugs; tumor-targeted imaging agents)
IT Imaging
(tumor; tumor-targeted imaging agents)
IT 9039-53-6, Urokinase type plasminogen activator
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(agonist; tumor-targeted imaging agents)
IT 50-69-1D, Ribose, conjugates 50-99-7D, Glucose, conjugates 154-17-6D, 2-Deoxy-D-Glucose, conjugates 533-67-5D, 2-Deoxy-D-Ribose, conjugates 3416-24-8D, Glucosamine, conjugates 13981-56-1D, Fluorine 18, compds., biological studies 63503-12-8D, 2-18F-Fluoro-2-deoxy-D-glucose, conjugates 616872-58-3
RL: DGN (Diagnostic use); BIOL (Biological study); USES (Uses)
(tumor-targeted imaging agents)
IT 268535-87-1 616866-90-1
RL: PRP (Properties)

(unclaimed sequence; conjugates comprising cancer cell specific ligands, a sugar and diagnostic agents, and uses thereof)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
TI Metabolism of rimsulfuron herbicide in tomatoes.

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
CC 7-4 (Enzymes)
TI Sucrose 6-α-D-glucosyltransferase from Streptococcus sobrinus: characterization of a glucosyl-enzyme complex
ST Streptococcus sucrose glucosyltransferase glucose complex
IT Stereochemistry
(of sucrose glucosyltransferase reaction, of Streptococcus sobrinus, glucosyl-enzyme complex in relation to)
IT Kinetics, enzymic
(of sucrose glucosyltransferase, of Streptococcus sobrinus with glucose)
IT Streptococcus sobrinus
(sucrose glucosyltransferase of, glucose conjugates with, characterization of)
IT 50-99-7D, D-Glucose, conjugates with sucrose glucosyltransferase 9032-14-8D, conjugates with glucose
RL: PROC (Process)
(of Streptococcus sobrinus, characterization of)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
IC ICM A61K051-08
CC 8-9 (Radiation Biochemistry)
Section cross-reference(s): 34, 63
TI Tc and Re labeler radioactive glycosylated octreotide derivatives
ST glycosylated octreotide deriv radiolabeled somatostatin receptor binding; technetium 99m glycosylated octreotide prepn somatostatin receptor binding
IT Animal cell line
(AR42J; somatostatin receptor binding peptidic ligands for diagnostic and therapeutic applications in nuclear medicine)
IT Rearrangement
(Amadori; somatostatin receptor binding peptidic ligands for diagnostic and therapeutic applications in nuclear medicine)
IT Carbohydrates, biological studies
Monosaccharides
Polysaccharides, biological studies
RL: DGN (Diagnostic use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(radiolabeled conjugates; somatostatin receptor binding peptidic ligands for diagnostic and therapeutic applications in nuclear medicine)
IT Glycosylation
Human
Imaging
Pancreas, neoplasm
Radiopharmaceuticals
(somatostatin receptor binding peptidic ligands for diagnostic and therapeutic applications in nuclear medicine)
IT Somatostatin receptors
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(somatostatin receptor binding peptidic ligands for diagnostic and therapeutic applications in nuclear medicine)
IT Peptides, biological studies
RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study);

USES (Uses)
(somatostatin receptor binding peptidic ligands for diagnostic and therapeutic applications in nuclear medicine)

IT 50-99-7D, Glucose, derivs. with [125I-Tyr3]octreotide 50-99-7D, Glucose, derivs. with iodine labeled, Tyr substituted octreotate 69-79-4D, Maltose, derivs. with [125I-Tyr3]octreotide 1109-28-0D, Maltotriose, derivs. with [125I-Tyr3]octreotide 1109-28-0D, Maltotriose, derivs. with iodine labeled, Tyr substituted octreotate 113202-69-0 113202-69-0D, Maltotriose/glucose/maltose derivs. 473931-63-4 473931-63-4D, Maltotriose/glucose derivs.
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(somatostatin receptor binding peptidic ligands for diagnostic and therapeutic applications in nuclear medicine)

IT 473931-73-6D, conjugates with glucose/maltotriose, technetium 99 labeled
RL: DGN (Diagnostic use); BIOL (Biological study); USES (Uses)
(somatostatin receptor binding peptidic ligands for diagnostic and therapeutic applications in nuclear medicine)

IT 50-99-7DP, Glucose, radiolabeled conjugates with octreotide analogs 69-79-4DP, Maltose, radiolabeled conjugates with octreotide analogs 1109-28-0DP, Maltotriose, radiolabeled conjugates with octreotide analogs 7440-15-5DP, Rhenium, radioisotopes, glycosylated octreotide analog labeled with, biological studies 473931-67-8DP, technetium 99 complexes
RL: DGN (Diagnostic use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(somatostatin receptor binding peptidic ligands for diagnostic and therapeutic applications in nuclear medicine)

IT 142-73-4, Iminodiacetic acid 4377-33-7, Picolyl chloride 71989-35-0 163932-31-8
RL: RCT (Reactant); RACT (Reactant or reagent)
(somatostatin receptor binding peptidic ligands for diagnostic and therapeutic applications in nuclear medicine)

IT 16598-05-3P 189337-28-8P 473931-64-5P 473931-65-6P 473931-66-7P 473931-67-8P 473931-68-9P 473931-69-0P 473931-70-3P 473931-72-5DP, glucose conjugates
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(somatostatin receptor binding peptidic ligands for diagnostic and therapeutic applications in nuclear medicine)

IT 7440-26-8DP, Technetium, radioisotopes, glycosylated octreotide analog labeled with, biological studies 14133-76-7P, Technetium 99, biological studies 473931-69-0DP, 99mTc-labeled
RL: DGN (Diagnostic use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(99mTc-labeled glycosylated octreotide analog preparation and somatostatin receptor binding)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
IC ICM C12N011-08
ICS C12N011-06; C12N009-96; C12N009-00
INCL 435188000
CC 7-7 (Enzymes)
Section cross-reference(s): 9
TI Water-soluble, stabilized protein conjugates consisting of proteins linked through saccharide groups to acrylic polymers
ST protein stabilization acrylic polymer saccharide linker; enzyme stabilization acrylic polymer saccharide linker
IT Antibodies
Enzymes
Proteins, preparation
RL: SPN (Synthetic preparation); PREP (Preparation)
(conjugates with saccharide linker-containing acrylic polymers; water-soluble,
stabilized protein conjugates consisting of proteins linked through

saccharide groups to acrylic polymers)

IT Monosaccharides
RL: NUU (Other use, unclassified); USES (Uses)
(linker; water-soluble, stabilized protein conjugates consisting of proteins linked through saccharide groups to acrylic polymers)

IT Acrylic polymers, preparation
RL: SPN (Synthetic preparation); PREP (Preparation)
(saccharide linker-containing, conjugates with proteins; water-soluble, stabilized protein conjugates consisting of proteins linked through saccharide groups to acrylic polymers)

IT Oligosaccharides
RL: NUU (Other use, unclassified); USES (Uses)
(di-, linker; water-soluble, stabilized protein conjugates consisting of proteins linked through saccharide groups to acrylic polymers)

IT Antibodies
RL: SPN (Synthetic preparation); PREP (Preparation)
(monoclonal, conjugates with saccharide linker-containing acrylic polymers; water-soluble, stabilized protein conjugates consisting of proteins linked through saccharide groups to acrylic polymers)

IT Oligosaccharides
RL: NUU (Other use, unclassified); USES (Uses)
(tri-, linker; water-soluble, stabilized protein conjugates consisting of proteins linked through saccharide groups to acrylic polymers)

IT 576-44-3 576-47-6, 6-Amino-6-deoxy-D-glucose 3416-24-8, 2-Amino-2-deoxy-D-glucose
RL: NUU (Other use, unclassified); USES (Uses)
(linker; water-soluble, stabilized protein conjugates consisting of proteins linked through saccharide groups to acrylic polymers)

IT 176496-57-4P
RL: SPN (Synthetic preparation); PREP (Preparation)
(linker; water-soluble, stabilized protein conjugates consisting of proteins linked through saccharide groups to acrylic polymers)

IT 309-00-2, Aldrin
RL: ANT (Analyte); ANST (Analytical study)
(water-soluble, stabilized protein conjugates consisting of proteins linked through saccharide groups to acrylic polymers)

IT 9001-37-0DP, Glucose oxidase, conjugates with saccharide linker-containing acrylic polymers 9001-59-6DP, Pyruvate kinase, conjugates with saccharide linker-containing acrylic polymers 9001-60-9DP, Lactate dehydrogenase, conjugates with saccharide linker-containing acrylic polymers 9002-07-7DP, Trypsin, conjugates with saccharide linker-containing acrylic polymers 9003-99-0DP, Peroxidase, conjugates with saccharide linker-containing acrylic polymers 9004-07-3DP, α-Chymotrypsin, conjugates with saccharide linker-containing acrylic polymers 9014-01-1DP, Subtilisin, conjugates with saccharide linker-containing acrylic polymers 80498-17-5DP, Nuclease, restriction endodeoxyribo-, EcoRI, conjugates with saccharide linker-containing acrylic polymers
RL: CAT (Catalyst use); PRP (Properties); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)
(water-soluble, stabilized protein conjugates consisting of proteins linked through saccharide groups to acrylic polymers)

IT 920-46-7, Methacryloyl chloride 13100-46-4, 1,2,3,4-Tetra-O-acetyl-β-D-glucopyranose 119051-86-4 176496-54-1 176496-55-2
RL: RCT (Reactant); RACT (Reactant or reagent)
(water-soluble, stabilized protein conjugates consisting of proteins linked through saccharide groups to acrylic polymers)

IT 55324-97-5P, 6-Amino-6-deoxy-D-glucose hydrochloride 57649-10-2P, 3-Amino-3-deoxy-D-glucose hydrochloride 79300-77-9DP, lactone form 79300-77-9P, Poly(2-N-methacrylamido-2-deoxy-D-glucose) 84516-65-4P 84516-66-5P, Poly(3-N-methacrylamido-3-deoxy-D-glucose) 133843-27-3P 133843-28-4P, Poly(6-N-methacrylamido-6-deoxy-D-glucose) 176496-56-3P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(water-soluble, stabilized protein conjugates consisting of proteins linked through saccharide groups to acrylic polymers)

IT 21026-87-9DP, conjugate with chymotrypsin
RL: SPN (Synthetic preparation); PREP (Preparation)
(water-soluble, stabilized protein conjugates consisting of proteins linked through saccharide groups to acrylic polymers)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
CC 5-3 (Agrochemical Bioregulators)
Section cross-reference(s): 17
TI Fate and metabolism of dichlorprop in cereals and field grass
ST dichlorprop metab cereal grass
IT Barley
Cereal
Grass
(dichlorprop metabolism and residues in)
IT Straw
(dichlorprop residues in, of cereal species)
IT Rye
Wheat
(winter, dichlorprop metabolism and residues in)
IT 120-83-2, 2,4-Dichlorophenol 109210-55-1
RL: BIOL (Biological study)
(as dichlorprop metabolite, in cereals and field grass)
IT 120-36-5, Dichlorprop
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(metabolism of, in cereals and field grass)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
CC 5-3 (Agrochemical Bioregulators)
TI Herbicide safeners induce glucosyltransferase activity in wheat
ST herbicide safener glucosyltransferase wheat corn
IT Herbicide antidotes
Triticum aestivum
Zea mays
(herbicide safeners induce glucosyltransferase activity in wheat and corn)
IT 37764-25-3, Dichlormid. 99607-70-2, Cloquintocet mexyl
RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)
(herbicide safeners induce glucosyltransferase activity in wheat and corn)
IT 9031-48-5, Glucosyltransferase
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(herbicide safeners induce glucosyltransferase activity in wheat and corn)
IT 95-95-4, 2,4,5-Trichlorophenol 100-02-7, 4-Nitrophenol, biological studies 117-39-5, Quercetin 133-89-1, UDP-glucose 446-72-0, Genistein 479-13-0, Coumesterol 491-70-3, Luteolin
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(substrate for glucosyltransferase activity in wheat and corn treated with herbicide safeners)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
CC 11-0 (Plant Biochemistry)
TI Gibberellin conjugates: an overview
ST review gibberellin conjugate
IT Plant
(gibberellin conjugates)
IT Gibberellins

RL: ANT (Analyte); BAC (Biological activity or effector, except adverse); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); ANST (Analytical study); BIOL (Biological study); PREP (Preparation)
(gibberellin conjugates)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
CC 17-1 (Food and Feed Chemistry)
Section cross-reference(s): 5
TI Analysis of chlorsulfuron and metabolite A in green wheat forage by HPLC with a photoconductivity detector
ST chlorsulfuron glucose conjugate detn forage HPLC; wheat forage chlorsulfuron detn HPLC; liq chromatog chlorsulfuron glucose conjugate
IT Wheat
(forage, chlorsulfuron and chlorsulfuron glucose conjugate determination in, by HPLC)
IT 64902-72-3 81123-39-9
RL: ANT (Analyte); ANST (Analytical study)
(determination of, in wheat forage, by HPLC)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
IC ICM C12N011-08
ICS C12N011-14; C12N009-20; C12P007-64
CC 7-7 (Enzymes)
Section cross-reference(s): 17, 45, 63
TI Surfactant-coated lipase complex immobilized on insoluble matrix and its uses for transesterification of oils and fats in hydrophobic organic media
ST lipase surfactant coating immobilization oil fat transesterification
IT Transesterification
(biol.; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)
IT Fatty acids, uses
RL: NUU (Other use, unclassified); USES (Uses)
(conjugates, with hydrophilic moiety; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)
IT Fatty acids, uses
RL: NUU (Other use, unclassified); USES (Uses)
(derivs., insol. matrix modified with; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)
IT Food
(dietetic; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)
IT Immobilization, biochemical
(enzyme; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)
IT Alcoholysis
Esterification
(enzymic; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)
IT Fatty acids, uses
RL: NUU (Other use, unclassified); USES (Uses)
(esters, with hydrophilic moiety; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)
IT Alcohols, biological studies

RL: BPR (Biological process); BSU (Biological study, unclassified); FFD (Food or feed use); RCT (Reactant); BIOL (Biological study); PROC (Process); RACT (Reactant or reagent); USES (Uses)
(fatty, alcoholysis of; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT Fats and Glyceridic oils, biological studies
RL: BPR (Biological process); BSU (Biological study, unclassified); FFD (Food or feed use); RCT (Reactant); BIOL (Biological study); PROC (Process); RACT (Reactant or reagent); USES (Uses)
(fish; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT Bioreactors
(fixed-bed; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT Carboxyl group
Hydroxyl group
Phosphate group
(hydrophilic moiety containing; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT Enzymes, biological studies
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); CAT (Catalyst use); PNU (Preparation, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(immobilized; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT Fatty acids, biological studies
RL: BPR (Biological process); BSU (Biological study, unclassified); FFD (Food or feed use); RCT (Reactant); BIOL (Biological study); PROC (Process); RACT (Reactant or reagent); USES (Uses)
(medium-chain; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT Mixing
(of lipase with dissolved surfactant; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT Dissolution
(of surfactant in organic media; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT Solvents
(organic; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT Transesterification
(regioselective, enzymic; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT Fatty acids, biological studies
RL: BPR (Biological process); BSU (Biological study, unclassified); FFD (Food or feed use); RCT (Reactant); BIOL (Biological study); PROC (Process); RACT (Reactant or reagent); USES (Uses)
(short-chain; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT Bioreactors
(stirred-tank; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT Alcoholysis catalysts
Aspergillus niger
Buffers
Burkholderia
Candida antarctica
Candida cylindracea
Coating process
Cocoa butter substitutes
Dehydration
Drying
Esterification catalysts
Freeze drying
Granular materials
Humicola
Ion exchangers
Microorganism
Mucor javanicus
Pancreas
Pseudomonas
Pseudomonas fluorescens
Rhizomucor miehei
Rhizopus
Rhizopus japonicus
Rhizopus javanicus
Rhizopus oryzae
Sonication
Surfactants
Transesterification catalysts
(surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT Canola oil
Corn oil
Cottonseed oil
Fats and Glyceridic oils, biological studies
Olive oil
Palm oil
Peanut oil
Soybean oil
Sunflower oil
RL: BPR (Biological process); BSU (Biological study, unclassified); FFD (Food or feed use); RCT (Reactant); BIOL (Biological study); PROC (Process); RACT (Reactant or reagent); USES (Uses)
(surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT Glycerides, biological studies
RL: FFD (Food or feed use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT Charcoal
Diatomite
Silica gel, uses
RL: NUU (Other use, unclassified); USES (Uses)
(surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT Fats and Glyceridic oils, biological studies
RL: BPR (Biological process); BSU (Biological study, unclassified); FFD (Food or feed use); RCT (Reactant); BIOL (Biological study); PROC (Process); RACT (Reactant or reagent); USES (Uses)
(vegetable, Nigella sativa oil; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of

oils and fats in hydrophobic organic media)

IT Glycoconjugates
RL: NUU (Other use, unclassified); USES (Uses)
(with fatty acids; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT 56090-54-1, Triglycerol
RL: BPR (Biological process); BSU (Biological study, unclassified); FFD (Food or feed use); RCT (Reactant); BIOL (Biological study); PROC (Process); RACT (Reactant or reagent); USES (Uses)
(alcoholysis of; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT 1338-41-6, Sorbitan monostearate
RL: NUU (Other use, unclassified); USES (Uses)
(lipase modified with; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT 71-43-2, Benzene, uses 108-20-3, Diisopropylether 108-88-3, Toluene, uses 110-54-3, n-Hexane, uses 110-82-7, Cyclohexane, uses 111-65-9, n-Octane, uses 540-84-1, Isooctane
RL: NUU (Other use, unclassified); USES (Uses)
(organic solvent; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT 50-99-7D, Glucose, conjugates with fatty acids
57-10-3D, Hexadecanoic acid, conjugates with hydrophilic moiety, uses
57-11-4D, Octadecanoic acid, conjugates with hydrophilic moiety, uses
57-50-1D, Sucrose, conjugates with fatty acids 63-42-3D, Lactose, conjugates with fatty acids 143-07-7D, Lauric acid, conjugates with hydrophilic moiety 544-63-8D, Tetradecanoic acid, conjugates with hydrophilic moiety, uses
RL: NUU (Other use, unclassified); USES (Uses)
(surfactant containing; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT 9001-62-1DP, Lipase, surfactant-coated complex, immobilized
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); CAT (Catalyst use); PNU (Preparation, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT 57-10-3, Palmitic acid, biological studies 57-11-4, Stearic acid, biological studies 60-33-3, Linolic acid, biological studies 112-80-1, Oleic acid, biological studies 463-40-1, Linolenic acid 506-32-1, Arachidonic acid 25167-62-8, Docosahexaenoic acid 25378-27-2, Eicosapentaenoic acid
RL: BPR (Biological process); BSU (Biological study, unclassified); FFD (Food or feed use); RCT (Reactant); BIOL (Biological study); PROC (Process); RACT (Reactant or reagent); USES (Uses)
(surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT 471-34-1, Calcium carbonate, uses 637-12-7, Aluminum stearate 1344-28-1, Alumina, uses 7778-18-9, Calcium sulfate 9004-34-6D, Cellulose, ethylsulfoxy derivs., uses 9079-25-8, Amberlite 37199-22-7, Dowex 101239-42-3, Eupergit
RL: NUU (Other use, unclassified); USES (Uses)
(surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT 9001-62-1, Lipase
RL: PEP (Physical, engineering or chemical process); RCT (Reactant); PROC

(Process); RACT (Reactant or reagent)
(surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT 50-70-4D, Sorbitol, reaction products
RL: NUU (Other use, unclassified); USES (Uses)
(with fatty acids, surfactant containing; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
IC ICM C12Q001-68
CC 9-5 (Biochemical Methods)
TI Method and device for detecting and quantifying substances in body fluids
ST body fluid in vivo fluorescence sensor; glucose fluorescence sensor implant
IT Body fluid
(analyte determination in, in vivo, fluorescence sensor implant for)
IT Ions in liquids
Pesticides
(determination of, in vivo in body fluid, fluorescence sensor implant for)
IT Antibodies
Antigens
Carbohydrates and Sugars, analysis
Enzymes
Glycolipids
Glycopeptides
Glycoproteins, analysis
Haptens
Hormones
Lipoproteins
Peptides, analysis
Proteins, analysis
Steroids, analysis
RL: ANT (Analyte); ANST (Analytical study)
(determination of, in vivo in body fluid, fluorescence sensor implant for)
IT Acrylic fibers, uses
RL: USES (Uses)
(fluorescein-albumin-glucose and ConA-rhodamine conjugates in, for sensor for in vivo anal. of glucose)
IT Skin
(fluorescence sensor implant in, for analyte detection in vivo in body fluid)
IT Agglutinins and Lectins
Ligands
RL: ANST (Analytical study)
(fluorescent reagent containing analyte analog labeled with fluorophore and containing analyte/analog-binding, in implanted sensor for in vivo anal. of body fluid)
IT Receptors
RL: ANST (Analytical study)
(fluorescent reagent containing analyte analog labeled with fluorophore and containing, in implanted sensor for in vivo anal. of body fluid)
IT Blood analysis
(glucose determination in, by sensor containing fluorescein-albumin-glucose and
ConA-rhodamine conjugates)
IT Fluorescent substances
(in implanted sensor for in vivo anal. of body fluid)
IT Pharmaceutical analysis
(in vivo in body fluid, fluorescence sensor implant for)
IT Membranes
(selectively-permeable, in sensor for in vivo fluorescence anal. of

body fluids)
IT Ligands
RL: ANST (Analytical study)
(conjugated, with fluorophore, in implanted sensor for in vivo anal. of body fluid)
IT Albumins, compounds
RL: ANST (Analytical study)
(conjugates, with fluorescein and glucose, sensor containing, for in vivo anal. of glucose)
IT Pharmaceutical dosage forms
(implants, controlled-release, implant sensor for in vivo fluorescence anal. of body fluids for control of)
IT Nucleotides, polymers
RL: ANST (Analytical study)
(oligo-, conjugates, with energy-absorbing donor/acceptor mols., in implanted fluorescence sensor for in vivo anal. of body fluid)
IT Sensors
(optrodes, fluorescent, implants, for analyte determination in body fluid in vivo)
IT Nucleotides, polymers
RL: ANT (Analyte); ANST (Analytical study)
(poly-, determination of, in vivo in body fluid, fluorescence sensor implant for)
IT 50-99-7, Glucose, analysis 58-55-9, Theophylline, analysis 60-27-5, Creatinine
RL: ANT (Analyte); ANST (Analytical study)
(determination of, in vivo in body fluid, fluorescence sensor implant for)
IT 25014-41-9, Polyacrylonitrile
RL: ANST (Analytical study)
(hollow fibers of, fluorescein-albumin-glucose and ConA-rhodamine conjugates in, for sensor for in vivo anal. of glucose)
IT 50-99-7D, Glucose, conjugates with bovine serum albumin and fluorescein 2321-07-5D, Fluorescein, conjugates with bovine serum albumin and glucose 11028-71-0D, ConA, conjugates with rhodamine 13558-31-1D, Rhodamine, derivs., conjugates with ConA
RL: ANST (Analytical study)
(sensor containing, for in vivo anal. of glucose)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
CC 4-4 (Toxicology)
TI Metabolism in rats of 3-phenoxybenzyl alcohol and 3-phenoxybenzoic acid glycoside conjugates formed in plants
ST phenoxybenzyl alc glycoside metab; phenoxybenzoate glycoside metab
IT Liver, metabolism
Organ
Stomach, metabolism
(phenoxybenzoate and phenoxybenzyl alc. metabolites excretion by)
IT Bile
Blood
Feces
Urine
(phenoxybenzoate and phenoxybenzyl alc. metabolites excretion in)
IT Bacteria
(intestinal, phenoxybenzoate and phenoxybenzyl alc. glycoside metabolism in relation to)
IT Intestine, metabolism
(small, phenoxybenzoate and phenoxybenzyl alc. metabolites excretion by)
IT 3739-38-6D, metabolites 13826-35-2D, metabolites 35065-12-4 35101-26-9 57991-35-2 57991-36-3 58218-91-0 63986-16-3 63987-17-7 63987-19-9 65658-93-7 66856-01-7 68162-95-8 69426-23-9 79114-69-5 96737-96-1 96737-97-2 96751-29-0
RL: PROC (Process)

(excretion of, after phenoxybenzyl alc. glycoside administration)
IT 3739-38-6 13826-35-2
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(metabolism of)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
CC 1-2 (Pharmacology)
Section cross-reference(s): 13 .
TI Transport and recognition of aminopeptidase-resistant cellobiose-coupled tyrosylglycylglycine by intestinal Na+/glucose cotransporter (SGLT1): recognition of sugar conjugates by SGLT1 is much less restricted than transport
ST SGLT1 mediated transport cellobiose tyrosylglycylglycine intestine
IT Transport proteins
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(SGLT1 (sodium-dependent glucose-transporting, 1); transport and recognition of aminopeptidase-resistant cellobiose-coupled tyrosylglycylglycine by intestinal Na+/glucose cotransporter (SGLT1) and recognition of sugar conjugates by SGLT1 is much less restricted than transport)
IT Intestine
(small; transport and recognition of aminopeptidase-resistant cellobiose-coupled tyrosylglycylglycine by intestinal Na+/glucose cotransporter (SGLT1) and recognition of sugar conjugates by SGLT1 is much less restricted than transport)
IT Biological transport
(transport and recognition of aminopeptidase-resistant cellobiose-coupled tyrosylglycylglycine by intestinal Na+/glucose cotransporter (SGLT1) and recognition of sugar conjugates by SGLT1 is much less restricted than transport)
IT 97-30-3, Methyl α-glucopyranoside 2788-56-9 74610-70-1
188851-93-6 247040-39-7
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
(transport and recognition of aminopeptidase-resistant cellobiose-coupled tyrosylglycylglycine by intestinal Na+/glucose cotransporter (SGLT1) and recognition of sugar conjugates by SGLT1 is much less restricted than transport)
IT 158569-75-6
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(transport and recognition of aminopeptidase-resistant cellobiose-coupled tyrosylglycylglycine by intestinal Na+/glucose cotransporter (SGLT1) and recognition of sugar conjugates by SGLT1 is much less restricted than transport)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
CC 9-3 (Biochemical Methods)
Section cross-reference(s): 33
TI Separation of functionalized dextrins by reversed-phase high-performance liquid chromatography
ST functionalized dextrin sepn reversed phase HPLC; liq chromatog functionalized dextrin cyclodextrin
IT Chromatography, column and liquid
(preparative, high-performance, reversed-phase, of functionalized dextrins)
IT 9030-09-5, Cyclodextrin-glycosyltransferase
RL: ANST (Analytical study)
(for dextrin functionalization for reversed-phase HPLC separation)
IT 50-99-7DP, D-Glucose, conjugates with maltitol or

maltose or saccharose, preparation 57-50-1DP, Saccharose, conjugates with linear dextrins 69-79-4DP, Maltose, conjugates with linear dextrins 69-79-4DP, conjugates with maltitol or maltose or saccharose 585-88-6DP, conjugates with linear dextrins 1109-28-0DP, conjugates with maltitol or maltose or saccharose 34612-38-9DP, conjugates with maltitol or maltose or saccharose 34620-76-3DP, conjugates with maltitol or maltose or saccharose 34620-77-4DP, conjugates with maltitol or maltose or saccharose
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and separation of, by reversed-phase HPLC)

IT 10016-20-3, α-Cyclodextrin
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with maltitol or maltose or saccharose in functionalized dextrin preparation)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
CC 11-3 (Plant Biochemistry)
TI Endogenous hormones in afterripening wild oat (Avena fatua) seed
ST oat seed hormone afterripening; gibberellin oat seed afterripening; cytokinin oat seed afterripening
IT Germination
(cytokinins and gibberellins in, of Avena fatua)
IT Seed
(hormones in afterripening, of oat)
IT Imbibition
(hormones of oat seed in relation to)
IT Gibberellins
RL: BIOL (Biological study)
(in oat seeds, in afterripening)
IT Plant hormones and regulators
RL: BIOL (Biological study)
(cytokinins, in oat seeds, in afterripening)
IT Plant growth and development
(dormancy, hormones of oat seed in relation to)
IT Oat
(A. fatua, hormones in seeds of, in afterripening)
IT 468-44-0 510-75-8 1637-39-4 6025-53-2 51255-96-0
RL: BIOL (Biological study)
(of oat seeds, in afterripening)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
CC 4-6 (Toxicology)
Section cross-reference(s): 61
TI Altered metabolic elimination of testosterone and associated toxicity following exposure of Daphnia magna to nonylphenol polyethoxylate
ST metab testosterone toxicity Daphnia nonylphenol polyethoxylate
IT Daphnia magna
Death
Hydroxylation
Reproduction, animal
Water pollution
(altered metabolic elimination of testosterone and associated toxicity following exposure of Daphnia magna to nonylphenol polyethoxylate)
IT Toxicity
(aquatic; altered metabolic elimination of testosterone and associated toxicity following exposure of Daphnia magna to nonylphenol polyethoxylate)
IT Detoxification
(biol.; altered metabolic elimination of testosterone and associated toxicity following exposure of Daphnia magna to nonylphenol polyethoxylate)

IT Androgens
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(metabolic androgenization; altered metabolic elimination of testosterone and associated toxicity following exposure of Daphnia magna to nonylphenol polyethoxylate)
IT Surfactants
(nonylphenol polyethoxylate; altered metabolic elimination of testosterone and associated toxicity following exposure of Daphnia magna to nonylphenol polyethoxylate)
IT 9016-45-9
RL: ADV (Adverse effect, including toxicity); POL (Pollutant); BIOL (Biological study); OCCU (Occurrence)
(altered metabolic elimination of testosterone and associated toxicity following exposure of Daphnia magna to nonylphenol polyethoxylate)
IT 50-99-7D, Glucose, conjugates with testosterone
58-22-0 58-22-0D, conjugates and metabolites 7664-93-9D, Sulfuric acid, conjugates with testosterone, biological studies
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(altered metabolic elimination of testosterone and associated toxicity following exposure of Daphnia magna to nonylphenol polyethoxylate)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
IC ICM C12N011-02
CC 7-7 (Enzymes)
TI Enzyme immobilization on insoluble protein carrier
ST enzyme immobilization protein glucose conjugate; browning protein enzyme immobilization
IT Proteins, biological studies
RL: BIOL (Biological study)
(browning of, glucose in, for immobilization of enzyme)
IT Caseins, biological studies
RL: PREP (Preparation)
(browning of, glucose in, for preparation of insol. carrier for immobilization of enzymes)
IT Immobilization, biochemical
(of enzyme, on insol. protein carrier, browning reaction in)
IT Browning
(of protein, glucose in, for preparation of insol. protein carrier for immobilization of enzyme)
IT Enzymes
RL: PREP (Preparation)
(immobilized, preparation of, on insol. protein carrier, browning reaction in)
IT 9002-07-7, Trypsin
RL: BIOL (Biological study)
(immobilization of, on insol. casein, browning of casein to form functional groups for)
IT 50-99-7P, Glucose, preparation
RL: PREP (Preparation)
(in preparation of insol. protein carrier by browning for enzyme immobilization)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
CC 1-5 (Pharmacodynamics)
TI Various bilirubin conjugates in pregnant and nonpregnant rats with and without phenobarbital treatment
ST bilirubin conjugation pregnancy phenobarbital
IT Pregnancy
(bilirubin conjugation in, phenobarbital effect on)

IT 9030-08-4
RL: PRP (Properties)
(activity of, in pregnancy, phenobarbital effect on)
IT 50-06-6, biological studies
RL: BIOL (Biological study)
(bilirubin conjugation response to, in pregnancy)
IT 635-65-4
RL: PRP (Properties)
(conjugation of, phenobarbital effect on, in pregnancy)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
TI Metabolism of fonofos in peanuts

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
CC 5-3 (Agrochemical Bioregulators)
TI Metribuzin metabolism by tomato cultivars with low, medium, and high levels of tolerance to metribuzin
ST metribuzin metab tomato cultivar
IT Tomato
(metribuzin metabolism by different cultivars of, metribuzin tolerance in relation to)
IT Herbicide resistance
(to metribuzin, metabolism by tomato cultivars in relation to)
IT 21087-64-9D, Metribuzin, metabolites
RL: BIOL (Biological study)
(in tomato cultivars, metribuzin tolerance in relation to)
IT 21087-64-9, Metribuzin
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(metabolism of, by tomato cultivars, metribuzin tolerance in relation to)
IT 85946-52-7 85946-53-8
RL: BIOL (Biological study)
(metribuzin metabolite, in tomato, metribuzin tolerance in relation to)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
IC ICM A61K031-70
ICS A61K051-04
CC 63-6 (Pharmaceuticals)
Section cross-reference(s): 1, 33
TI Compositions and methods for treating cancer
ST anticancer glucose conjugate prepn; radionuclide glucosamine anticancer prepn; cancer radionuclide glucosamine conjugate prepn
IT Lymphoma
(B-cell; compns. and methods for treating cancer)
IT Lymphoma
(Burkitt's; compns. and methods for treating cancer)
IT Animal cell line
(Hep G2; compns. and methods for treating cancer)
IT Lymphoma
(NK cell; compns. and methods for treating cancer)
IT Lymphoma
(T-cell; compns. and methods for treating cancer)
IT Drug delivery systems
(capsules; compns. and methods for treating cancer)
IT Uterus, neoplasm
(cervix; compns. and methods for treating cancer)
IT Intestine, neoplasm
(colon; compns. and methods for treating cancer)

IT Antitumor agents
Bladder, neoplasm
Brain, neoplasm
Esophagus, neoplasm
Head and Neck, neoplasm
Head and Neck, neoplasm
Human
Lung, neoplasm
Mammary gland, neoplasm
Melanoma
Neoplasm
Ovary, neoplasm
Prostate gland, neoplasm
Skin, neoplasm
(compns. and methods for treating cancer)

IT Radionuclides, biological studies
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(conjugated with deoxyglucoses; compns. and methods for treating cancer)

IT Neoplasm
Neoplasm
(head and neck; compns. and methods for treating cancer)

IT Lymphoma
(large cell; compns. and methods for treating cancer)

IT Lymphoma
(lymphoblastic, acute; compns. and methods for treating cancer)

IT Lymphoma
(nodular; compns. and methods for treating cancer)

IT Lymphoma
(non-Hodgkin's, mantle cell; compns. and methods for treating cancer)

IT Lymphoma
(non-Hodgkin's; compns. and methods for treating cancer)

IT Drug delivery systems
(oral; compns. and methods for treating cancer)

IT Drug delivery systems
(parenterals; compns. and methods for treating cancer)

IT Drug delivery systems
(suppositories; compns. and methods for treating cancer)

IT Drug delivery systems
(tablets; compns. and methods for treating cancer)

IT 83411-69-2P, TP 026 141625-86-7P, TP 027 141625-87-8P, TP 010 610299-12-2P 610299-19-9P, TP 018 611235-35-9P, TP 030 611235-36-0P, TP 031 611235-38-2P, TP 032 611235-39-3P, TP 011 611235-40-6P, TP 012 611235-43-9P, TP 037 611235-46-2P, TP 019 611236-44-3P, TP 017 611236-48-7P, TP 020 611236-49-8P, TP 022 611236-51-2P, TP 036 611236-89-6P, TP 024 611236-90-9P, TP 014
RL: BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)
(compns. and methods for treating cancer)

IT 50-07-7DP, Mitomycin, conjugates with deoxyglucoses 50-18-0DP, Cyclophosphamide, conjugates with deoxyglucoses 53-03-2DP, Prednisone, conjugates with deoxyglucoses 59-05-2DP, Methotrexate, conjugates with deoxyglucoses 127-07-1DP, Hydroxyurea, conjugates with deoxyglucoses 154-17-6DP, 2-Deoxy-D-glucose, conjugates with antineoplastic agents 671-16-9DP, Procarbazine, conjugates with deoxyglucoses 1949-89-9DP, 2-Deoxy-D-galactose, conjugates with antineoplastic agents 3416-24-8DP, 2-Deoxy-2-amino-D-glucose, conjugates with antineoplastic agents 4342-03-4DP, Dacarbazine, conjugates with deoxyglucoses 7535-00-4DP, conjugates with antineoplastic agents 7689-03-4DP, Camptothecin, conjugates with deoxyglucoses 10043-66-0DP, Iodine 131, compds. with deoxyglucoses, biological studies 10098-91-6DP, Yttrium 90, compds. with deoxyglucoses,

biological studies 14158-31-7DP, Iodine 125, compds. with deoxyglucoses, biological studies 14307-02-9DP, conjugates with antineoplastic agents 14596-37-3DP, Phosphorus-32, compds. with deoxyglucoses, biological studies 15663-27-1DP, Cisplatin, conjugates with deoxyglucoses 19494-89-4DP, 5-Hydroxypyridine-2-carboxaldehyde thiosemicarbazone, conjugates with deoxyglucoses 23214-92-8DP, Doxorubicin, conjugates with deoxyglucoses 23583-41-7DP, 2-Deoxy-D-gulose, conjugates with antineoplastic agents 41575-94-4DP, Carboplatin, conjugates with deoxyglucoses 60239-18-1DP, DOTA, conjugates with deoxyglucoses 60239-18-1DP, DOTA, conjugates with glucosamine 65271-80-9DP, Mitoxanthrone, conjugates with deoxyglucoses 72904-60-0DP, conjugates with antineoplastic agents 143621-35-6DP, 3-Aminopyridine-2-carboxaldehyde thiosemicarbazone, conjugates with deoxyglucoses 610298-97-0DP, conjugates with deoxyglucoses 610299-03-1P 610299-05-3P 610299-11-1P 610299-29-1P 610299-32-6P 610789-69-0P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(compns. and methods for treating cancer)

IT 66-84-2, Glucosamine hydrochloride 98-61-3 112-60-7, Tetraethylene glycol 619-58-9, 4-Iodobenzoic acid 1711-02-0 2059-76-9 2687-43-6, O-Benzyl hydroxylamine hydrochloride 5292-43-3 15014-25-2 15164-44-0 16004-15-2 19685-11-1 27532-96-3 31827-94-8 42025-68-3 68120-55-8 79640-70-3 105938-46-3 123064-58-4 133834-77-2 133834-87-4 137076-54-1 610299-17-7 610299-23-5 610299-24-6 610299-30-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(compns. and methods for treating cancer)

IT 55790-22-2P 78729-92-7P 289637-26-9P 610299-02-0P 610299-09-7P 610299-10-0P 610299-13-3P 610299-14-4P 610299-15-5P 610299-16-6P 610299-18-8P 610299-20-2P 610299-21-3P 610299-22-4P 610299-25-7P 610299-26-8P 610299-27-9P 610299-28-0P 610299-31-5P 610299-33-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(compns. and methods for treating cancer)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
CC 4-3 (Toxicology)
TI Reductions in steroid hormone biotransformation/elimination as a biomarker of pentachlorophenol chronic toxicity
ST steroid hormone biotransformation biomarker pentachlorophenol toxicity; testosterone biotransformation pentachlorophenol
IT Daphnia magna
Reproduction
(steroid hormone biotransformation/elimination as biomarker of pentachlorophenol chronic toxicity)

IT 87-86-5, Pentachlorophenol
RL: ADV (Adverse effect, including toxicity); BIOL (Biological study)
(steroid hormone biotransformation/elimination as biomarker of pentachlorophenol chronic toxicity)

IT 58-22-0, Testosterone
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(steroid hormone biotransformation/elimination as biomarker of pentachlorophenol chronic toxicity)

IT 58-22-0D, Testosterone, hydroxy metabolites and conjugates
RL: BSU (Biological study, unclassified); MFM (Metabolic formation); BIOL (Biological study); FORM (Formation, nonpreparative)
(steroid hormone biotransformation/elimination as biomarker of pentachlorophenol chronic toxicity)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

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L2    174 ANSWERS   CAPLUS  COPYRIGHT 2007 ACS on STN
CC    11-2 (Plant Biochemistry)
TI    Conjugates of the 1',4'-diols of abscisic acid with glucose
ST    abscisic acid diol glucose tomato
IT    Tomato
         (abscisic acid diols metabolism by, glucose conjugates
         from)
IT    21293-29-8, Abscisic acid   21414-42-6   85718-96-3   109785-51-5
      113276-65-6   113276-66-7   113349-72-7   113349-73-8   117857-67-7
      RL: FORM (Formation, nonpreparative)
         (formation of, in tomato)
IT    78914-56-4
      RL: FORM (Formation, nonpreparative)
         (formation of, in tomato, from abscisic acid diol)
IT    117820-18-5   117820-19-6   117820-20-9   117894-06-1
      RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL
      (Biological study); PROC (Process)
         (metabolism of, by tomato)
IT    117820-14-1P   117894-03-8P
      RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
      (Reactant or reagent)
         (preparation and acetylation of)
IT    117820-15-2P   117820-16-3P   117820-17-4P   117852-33-2P   117857-66-6P
      117894-04-9P   117894-05-0P   117895-20-2P
      RL: SPN (Synthetic preparation); PREP (Preparation)
         (preparation of)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> d his

     (FILE 'HOME' ENTERED AT 17:36:13 ON 09 JUL 2007)

     FILE 'CAPLUS' ENTERED AT 17:36:18 ON 09 JUL 2007
L1          224 S "GLUCOSE CONJUGATE" OR "DEOXYGLUCOSE CONJUGATE"
L2          174 S L1 AND PY<=2003
L3            1 S L2 AND 2-DEOXYGLUCOSE
L4            0 S L2 AND (PHOTODYNAMIC OR PHOTOSENSITIVE)
L5            5 S L2 AND (DIAGNOSTIC OR DIAGNOSIS)
L6           47 S "GLUCOSAMINE CONJUGATE"
L7           32 S L6 AND PY<=2003

     FILE 'STNGUIDE' ENTERED AT 17:40:47 ON 09 JUL 2007

     FILE 'CAPLUS' ENTERED AT 17:45:07 ON 09 JUL 2007

=> d l2 1-174 ibib

L2    ANSWER 1 OF 174  CAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:        2004:50297  CAPLUS
DOCUMENT NUMBER:         141:116477
TITLE:                   Efficacy of glycoconjugated dinitroanilines against
                         Cryptosporidium parvum
AUTHOR(S):               Mead, Jan R.; Fauq, Abdul H.; Khan, Murad. A.; Mcnair,
                         Nina
CORPORATE SOURCE:        Veterans Affairs Medical Center, Decatur, GA, USA
SOURCE:                  Journal of Eukaryotic Microbiology (2003),
                         50(Suppl.), 550-552
                         CODEN: JEMIED; ISSN: 1066-5234
PUBLISHER:               Society of Protozoologists
DOCUMENT TYPE:           Journal
LANGUAGE:                English
REFERENCE COUNT:         6     THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS
                               RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT
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L2 ANSWER 2 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:836910 CAPLUS
DOCUMENT NUMBER: 139:341722
TITLE: Conjugates comprising cancer cell specific ligands, a sugar and diagnostic agents, and uses thereof
INVENTOR(S): Holick, Michael F.; Ramanathan, Halasya
PATENT ASSIGNEE(S): A & D Bioscience, Inc., USA
SOURCE: PCT Int. Appl., 26 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2003086475	A1	20031023	WO 2003-US11372		20030414 <--
W: CA, US					
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR					
US 2005255038	A1	20051117	US 2004-510824		20041012
PRIORITY APPLN. INFO.:			US 2002-371672P	P	20020412
			WO 2003-US11372	W	20030414

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 3 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:836787 CAPLUS
DOCUMENT NUMBER: 139:333096
TITLE: Conjugates containing a cancer cell-specific ligand, a sugar, and a cancer chemotherapeutic agent or boron neutron capture therapy agent, and therapeutic use
INVENTOR(S): Holick, Michael F.; Ramanathan, Halasya
PATENT ASSIGNEE(S): A & D Bioscience, Inc., USA
SOURCE: PCT Int. Appl., 27 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2003086312	A2	20031023	WO 2003-US11374		20030414 <--
WO 2003086312	A3	20040902			
W: CA, US					
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR					
US 2005233949	A1	20051020	US 2004-510827		20041015
PRIORITY APPLN. INFO.:			US 2002-371674P	P	20020412
			WO 2003-US11374	W	20030414

L2 ANSWER 4 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:796502 CAPLUS
DOCUMENT NUMBER: 139:312418
TITLE: Compositions and methods for treating cancer
INVENTOR(S): Tidmarsh, George; Matteucci, Mark; Rao, Photon
PATENT ASSIGNEE(S): Threshold Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 76 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE	
WO 2003082301	A1	20031009	WO 2003-US9492		20030328	<--
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW						
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG						
AU 2003230750	A1	20031013	AU 2003-230750		20030328	<--
US 2004029815	A1	20040212	US 2003-402778		20030328	
US 7001888	B2	20060221				
US 2006142207	A1	20060629	US 2005-293042		20051201	
PRIORITY APPLN. INFO.:			US 2002-429287P	P	20020329	
			US 2003-402778	A1	20030328	
			WO 2003-US9492	W	20030328	

OTHER SOURCE(S): MARPAT 139:312418
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 5 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:570720 CAPLUS
DOCUMENT NUMBER: 139:130398
TITLE: Methods for cancer imaging
INVENTOR(S): Tidmarsh, George; Matteucci, Mark
PATENT ASSIGNEE(S): Threshold Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 47 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE	
WO 2003059149	A2	20030724	WO 2002-US41339		20021220	<--
WO 2003059149	A3	20030918				
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW						
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG						
AU 2002360766	A1	20030730	AU 2002-360766		20021220	<--
US 2003152518	A1	20030814	US 2002-327226		20021220	<--
US 6989140	B2	20060124				
US 2006165597	A1	20060727	US 2005-291531		20051130	
PRIORITY APPLN. INFO.:			US 2001-342313P	P	20011221	
			US 2002-327226	A1	20021220	
			WO 2002-US41339	W	20021220	

L2 ANSWER 6 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:567939 CAPLUS
DOCUMENT NUMBER: 139:256547
TITLE: Metabolism of Fungicide Diethofencarb in Grape (Vitis vinifera L.): Definitive Identification of Thiolactic Acid Conjugated Metabolites

AUTHOR(S): Fujisawa, Takuo; Ichise-Shibuya, Keiko; Katagi, Toshiyuki; Ruzo, Luis O.; Takimoto, Yoshiyuki
CORPORATE SOURCE: Environmental Health Science Laboratory, Sumitomo Chemical Co., Takarazuka, 665-8555, Japan
SOURCE: Journal of Agricultural and Food Chemistry (2003), 51(18), 5329-5336
CODEN: JAFCAU; ISSN: 0021-8561
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 7 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:540116 CAPLUS
DOCUMENT NUMBER: 139:377911
TITLE: Formation and vacuolar localization of salicylic acid glucose conjugates in soybean cell suspension cultures
AUTHOR(S): Dean, John V.; Shah, Reena P.; Mohammed, Leila A.
CORPORATE SOURCE: Department of Biological Sciences, DePaul University, Chicago, IL, 60614, USA
SOURCE: Physiologia Plantarum (2003), 118(3), 328-336
CODEN: PHPLAI; ISSN: 0031-9317
PUBLISHER: Blackwell Munksgaard
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 8 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:203394 CAPLUS
DOCUMENT NUMBER: 138:226775
TITLE: Preparation of morpholinosydnonimine-sugar conjugates as nitric oxide donors
INVENTOR(S): Wang, Peng George; Wu, Xuejun; Tang, Xiaoping
PATENT ASSIGNEE(S): Wayne State University, USA
SOURCE: U.S. Pat. Appl. Publ., 10 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003050256	A1	20030313	US 2001-925816	20010809 <--
US 6867194	B2	20050315		

PRIORITY APPLN. INFO.: US 2001-925816 20010809
OTHER SOURCE(S): MARPAT 138:226775
REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 9 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:977689 CAPLUS
DOCUMENT NUMBER: 138:49902
TITLE: 1,2,3,4-Tetrahydroisoquinoline-1,3-dione glycoconjugates, their preparation, and their use as antiviral agents
INVENTOR(S): Kinzel, Volker; Reed, Jennifer; Reinhard, Jost; Wiessler, Manfred; Graf von Stosch, Andreas
PATENT ASSIGNEE(S): Steinbeis G.m.b.H. & Co. fuer Technologietransfer, Germany
SOURCE: PCT Int. Appl., 71 pp.

CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002102416	A2	20021227	WO 2002-DE2103	20020610 <--
WO 2002102416	A3	20030821		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

DE 10129256	A1	20030102	DE 2001-10129256	20010618 <--
AU 2002320870	A1	20030102	AU 2002-320870	20020610 <--

PRIORITY APPLN. INFO.: DE 2001-10129256 A 20010618
OTHER SOURCE(S): MARPAT 138:49902

L2 ANSWER 10 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:948407 CAPLUS
DOCUMENT NUMBER: 138:268576
TITLE: Abscisic acid catabolism in maize kernels in response to water deficit at early endosperm development
AUTHOR(S): Wang, Zhaolong; Mambelli, Stefania; Setter, Tim L.
CORPORATE SOURCE: Department of Crop and Soil Sciences, Cornell University, Ithaca, NY, 14853, USA
SOURCE: Annals of Botany (Oxford, United Kingdom) (2002), 90(5), 623-630
CODEN: ANBOA4; ISSN: 0305-7364
PUBLISHER: Oxford University Press
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 11 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:832658 CAPLUS
DOCUMENT NUMBER: 137:334689
TITLE: Tc and Re labeler radioactive glycosylated octreotide derivatives
INVENTOR(S): Wester, Hans-Jurgen; Schottelius, Margret; Schwaiger, Markus
PATENT ASSIGNEE(S): Mallinckrodt Inc., USA
SOURCE: PCT Int. Appl., 30 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002085418	A2	20021031	WO 2002-US12565	20020423 <--
WO 2002085418	A3	20030912		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,

PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VN, YU, ZA, ZM, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB,
GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2443273	A1	20021031	CA 2002-2443273		20020423 <--
AU 2002254691	A1	20021105	AU 2002-254691		20020423 <--
EP 1381396	A2	20040121	EP 2002-723932		20020423
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR					
HU 200303987	A2	20040301	HU 2003-3987		20020423
BR 2002009074	A	20040810	BR 2002-9074		20020423
JP 2005514321	T	20050519	JP 2002-582991		20020423
US 2006165593	A1	20060727	US 2004-475696		20040514
PRIORITY APPLN. INFO.:			EP 2001-201466	A	20010423
			WO 2002-US12565	W	20020423

L2 ANSWER 12 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:505969 CAPLUS
DOCUMENT NUMBER: 137:165696
TITLE: Profiling isoflavonoids found in legume root extracts using capillary electrophoresis
AUTHOR(S): Baggett, Brandi R.; Cooper, John D.; Hogan, Eric T.; Carper, Jason; Paiva, Nancy L.; Smith, Joel T.
CORPORATE SOURCE: Department of Physical Sciences, Southeastern Oklahoma State University, Durant, OK, 74701-0609, USA
SOURCE: Electrophoresis (2002), 23(11), 1642-1651
CODEN: ELCTDN; ISSN: 0173-0835
PUBLISHER: Wiley-VCH Verlag GmbH
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 13 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:461286 CAPLUS
DOCUMENT NUMBER: 137:28282
TITLE: Method and composition for treating malignant cells
INVENTOR(S): Rubin, David
PATENT ASSIGNEE(S): Co-Enzyme Technology Ltd., USA
SOURCE: U.S., 13 pp., Cont.-in-part of U.S. Ser. No. 90,386, abandoned.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
US 6407071	B1	20020618	US 2000-694679		20001024 <--
PRIORITY APPLN. INFO.:			US 1998-90386	B2	19980604

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 14 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:382092 CAPLUS
DOCUMENT NUMBER: 137:114470
TITLE: Synthesis, Characterization, and Preliminary Biological Study of Glycoconjugates of Poly(styrene-co-maleic acid)
AUTHOR(S): Donati, Ivan; Gamini, Amelia; Vetere, Amedeo; Campa, Cristiana; Paoletti, Sergio
CORPORATE SOURCE: Department of Biochemistry, Biophysics and

Macromolecular Chemistry, University of Trieste, Trieste, I-34127, Italy
SOURCE: Biomacromolecules (2002), 3(4), 805-812
CODEN: BOMAF6; ISSN: 1525-7797
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 15 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:325153 CAPLUS
DOCUMENT NUMBER: 137:180393
TITLE: 4-Hydroxycinnamoyl-CoA hydratase/lyase, an enzyme of phenylpropanoid cleavage from Pseudomonas, causes formation of C6-C1 acid and alcohol glucose conjugates when expressed in hairy roots of Datura stramonium L.
AUTHOR(S): Mitra, Adinpunya; Mayer, Melinda J.; Mellon, Fred A.; Michael, Anthony J.; Narbad, Arjan; Parr, Adrian J.; Waldron, Keith W.; Walton, Nicholas J.
CORPORATE SOURCE: Food Safety Science Division, Institute of Food Research, Norwich Research Park, Norwich, Colney, NR4 7UA, UK
SOURCE: Planta (2002), 215(1), 79-89
CODEN: PLANAB; ISSN: 0032-0935
PUBLISHER: Springer-Verlag
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 16 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:186885 CAPLUS
TITLE: Profiling isoflavonoids in legume root extracts using capillary electrophoresis
AUTHOR(S): Baggett, Brandi R.; Cooper, John D.; Paiva, Nancy L.; Smith, Joel T.
CORPORATE SOURCE: Department of Physical Sciences, Southeastern Oklahoma State University, Durant, OK, 74701, USA
SOURCE: Abstracts of Papers, 223rd ACS National Meeting, Orlando, FL, United States, April 7-11, 2002 (2002), CHED-254. American Chemical Society: Washington, D. C.
CODEN: 69CKQP
DOCUMENT TYPE: Conference; Meeting Abstract
LANGUAGE: English

L2 ANSWER 17 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:184603 CAPLUS
DOCUMENT NUMBER: 137:216802
TITLE: Construction of nobel functional library which have diversity and self-replicating ability
AUTHOR(S): Ebara, Yasuhito
CORPORATE SOURCE: Dep. Human Environment, Kobe Univ., Japan
SOURCE: Asahi Garasu Zaidan Josei Kenkyu Seika Hokoku [online computer file] (2001) No pp. given
CODEN: AGSHEN; ISSN: 0919-9179
URL: http://www.af-info.or.jp/jpn/subsidy/report2/2001/body/01A-C16-P080.TXT
PUBLISHER: Asahi Garasu Zaidan
DOCUMENT TYPE: Journal; (online computer file)
LANGUAGE: Japanese

L2 ANSWER 18 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2002:159116 CAPLUS
DOCUMENT NUMBER: 136:336494
TITLE: Identification of Fonofos Metabolites in Latuca sativa, Beta vulgaris, and Triticum aestivum by Packed Capillary Flow Fast Atom Bombardment Tandem Mass Spectrometry
AUTHOR(S): Onisko, Bruce C.; Tambling, Doug R.; Gorder, Greg W.; Diaz, David G.; Ericson, John L.; Prisbylla, Mike P.; Spillner, Chuck J.
CORPORATE SOURCE: Syngenta, Richmond, CA, 94804-0023, USA
SOURCE: Journal of Agricultural and Food Chemistry (2002), 50(7), 1922-1928
CODEN: JAFCAU; ISSN: 0021-8561
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 19 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:109718 CAPLUS
DOCUMENT NUMBER: 136:355408
TITLE: Synthesis of amino-glucose conjugates of 5-fluorouracil-1-acetic acid and 5-fluorouracil-1-propanoic acid and their antitumor activities
AUTHOR(S): Zuo, Daishu; Tao, Jiang; Guan, Huashi; Xin, Qin; Quan, Tian; Liu, Fulong
CORPORATE SOURCE: Marine Drug and Food Institute, Ocean University of Qingdao, 266003, Peop. Rep. China
SOURCE: Journal of Chinese Pharmaceutical Sciences (2001), 10(4), 193-195
CODEN: JCHSE4; ISSN: 1003-1057
PUBLISHER: Beijing Medical University, School of Pharmaceutical Sciences
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 136:355408
REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 20 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:88848 CAPLUS
DOCUMENT NUMBER: 136:381700
TITLE: Herbicide safeners induce glucosyltransferase activity in wheat
AUTHOR(S): Brazier, M.; Edwards, R.; Cole, D. J.
CORPORATE SOURCE: Department of Biological Sciences, University of Durham, DH1 3LE, UK
SOURCE: BCPC Conference--Weeds (2001), (Vol. 2), 539-544
CODEN: BCCOBC
PUBLISHER: British Crop Protection Council
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 21 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:88401 CAPLUS
DOCUMENT NUMBER: 137:206506
TITLE: Functionalized surfaces for optical biosensors: applications to in vitro pesticide residual analysis
AUTHOR(S): Svitel, J.; Surugiu, I.; Dzgoev, A.; Ramanathan, K.; Danielsson, B.

CORPORATE SOURCE: Pure and Applied Biochemistry, Lund University, Lund, 22100, Swed.
SOURCE: Journal of Materials Science: Materials in Medicine (2001), 12(10/11/12), 1075-1078
CODEN: JSMMEL; ISSN: 0957-4530
PUBLISHER: Kluwer Academic Publishers
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 22 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:15510 CAPLUS
DOCUMENT NUMBER: 136:290458
TITLE: Herbicide metabolism and tolerance in the transgenic rice plants expressing human Cyp2c9 and Cyp2c19
AUTHOR(S): Inui, Hideyuki; Shiota, Noriaki; Ido, Yoshiko; Inoue, Tomomi; Hirose, Sakiko; Kawahigashi, Hiroyuki; Ohkawa, Yasunobu; Ohkawa, Hideo
CORPORATE SOURCE: Research Center for Environmental Genomics, Kobe University, Nada-ku, Kobe, 657-8501, Japan
SOURCE: Pesticide Biochemistry and Physiology (2001), 71(3), 156-169
CODEN: PCBPBS; ISSN: 0048-3575
PUBLISHER: Academic Press
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 23 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2001:529331 CAPLUS
DOCUMENT NUMBER: 136:272743
TITLE: Inactivation of O6-methylguanine-DNA methyltransferase by glucose-conjugated inhibitors
AUTHOR(S): Reinhard, Jost; Eichhorn, Uta; Wiessler, Manfred; Kaina, Bernd
CORPORATE SOURCE: Division of Molecular Toxicology, German Cancer Research Center, Heidelberg, Germany
SOURCE: International Journal of Cancer (2001), 93(3), 373-379
CODEN: IJCNAW; ISSN: 0020-7136
PUBLISHER: Wiley-Liss, Inc.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 24 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2001:389833 CAPLUS
DOCUMENT NUMBER: 135:222607
TITLE: Glucosylation as a mechanism of resistance to thaxtomin A in potatoes
AUTHOR(S): Acuna, I. A.; Strobel, G. A.; Jacobsen, B. J.; Corsini, D. L.
CORPORATE SOURCE: Department of Plant Sciences and Plant Pathology, Montana State University, Bozeman, MT, 59715-3150, USA
SOURCE: Plant Science (Shannon, Ireland) (2001), 161(1), 77-88
CODEN: PLSCE4; ISSN: 0168-9452
PUBLISHER: Elsevier Science Ireland Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 25 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2000:861818 CAPLUS
DOCUMENT NUMBER: 134:26057
TITLE: Conjugates of lysinamide and/or ornithinamide with cholesterol and their preparation and use for gene transfer
INVENTOR(S): Park, Jong Sang; Choi, Joon Sig; Lee, Eun Jung; Jang, Hyung Suk
PATENT ASSIGNEE(S): S. Korea
SOURCE: PCT Int. Appl., 35 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000073471	A1	20001207	WO 2000-KR548	20000529 <--
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
KR 2001069179	A	20010723	KR 2000-16261	20000329 <--
EP 1185674	A1	20020313	EP 2000-935672	20000529 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2003501363	T	20030114	JP 2001-500783	20000529 <--
KR 2002013528	A	20020220	KR 2001-713632	20011024 <--

PRIORITY APPLN. INFO.:
KR 1999-19511 A 19990528
KR 2000-16261 A 20000329
WO 2000-KR548 W 20000529

OTHER SOURCE(S): MARPAT 134:26057
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 26 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2000:857135 CAPLUS
DOCUMENT NUMBER: 134:174775
TITLE: New feature of angiotensin-converting enzyme: carbohydrate-recognizing domain
AUTHOR(S): Kost, Olga A.; Bovin, Nicolai V.; Chemodanova, Elena E.; Nasonov, Vitaly V.; Orth, Tatiana A.
CORPORATE SOURCE: Chemistry Department, M.V. Lomonosov Moscow State University, Moscow, 119899, Russia
SOURCE: Journal of Molecular Recognition (2000), 13(6), 360-369
CODEN: JMORE4; ISSN: 0952-3499
PUBLISHER: John Wiley & Sons Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 27 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2000:744219 CAPLUS
DOCUMENT NUMBER: 134:96691
TITLE: Transportability and recognizability of SGLT1 for alkyl glucosides: TRN (transportable, recognizable, non-interactive) classification of glucose

conjugates
AUTHOR(S): Mizuma, Takashi; Matsumoto, Seiichi; Awazu, Shoji
CORPORATE SOURCE: Department of Biopharmaceutics and Drug Rational Research Center, School of Pharmacy, Tokyo University of Pharmacy and Life Science, Hachioji, 192-0392, Japan
SOURCE: International Congress Series (2000), 1208(Control and Diseases of Sodium Dependent Transport Proteins and Ion Channels), 357-358
CODEN: EXMDA4; ISSN: 0531-5131
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal; General Review
LANGUAGE: English
REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 28 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2000:701387 CAPLUS
DOCUMENT NUMBER: 134:67666
TITLE: Selective Neoglycosylation Increases the Structural Stability of Vicilin, the 7S Storage Globulin from Pea Seeds
AUTHOR(S): Pedrosa, Cristiana; De Felice, Fernanda G.; Trisciuzzi, Cristina; Ferreira, Sergio T.
CORPORATE SOURCE: Departamento de Bioquimica Medica, Instituto de Ciencias Biomedicas, Universidade Federal do Rio de Janeiro, Rio de Janeiro, RJ 21941-590, Brazil
SOURCE: Archives of Biochemistry and Biophysics (2000), 382(2), 203-210
CODEN: ABBIA4; ISSN: 0003-9861
PUBLISHER: Academic Press
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 29 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2000:688353 CAPLUS
DOCUMENT NUMBER: 133:263222
TITLE: Surfactant-coated lipase complex immobilized on insoluble matrix and its uses for transesterification of oils and fats in hydrophobic organic media
INVENTOR(S): Basheer, Sobhi
PATENT ASSIGNEE(S): Enzymotec Ltd., Israel
SOURCE: PCT Int. Appl., 79 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000056869	A2	20000928	WO 2000-IL166	20000316 <--
WO 2000056869	A3	20010208		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2368179	A1	20000928	CA 2000-2368179	20000316 <--

EP 1163329	A2	20011219	EP 2000-911221		20000316 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO					
JP 2002539782	T	20021126	JP 2000-606728		20000316 <--
NZ 514271	A	20030829	NZ 2000-514271		20000316 <--
AU 773466	B2	20040527	AU 2000-33206		20000316
PRIORITY APPLN. INFO.:			IL 1999-129086	A	19990322
			AU 1998-87608	A3	19980728
			WO 2000-IL166	W	20000316

L2 ANSWER 30 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2000:379560 CAPLUS
DOCUMENT NUMBER: 133:117477
TITLE: Extracellular β-glucosidase activity in barley involved in the hydrolysis of ABA glucose conjugate in leaves
AUTHOR(S): Dietz, Karl-Josef; Sauter, Angela; Wichert, Kathrin; Messdaghi, David; Hartung, Wolfram
CORPORATE SOURCE: Julius-von-Sachs-Institut fur Biowissenschaften, Universitat Wurzburg, Wurzburg, D-97082, Germany
SOURCE: Journal of Experimental Botany (2000), 51(346), 937-944
CODEN: JEBOA6; ISSN: 0022-0957
PUBLISHER: Oxford University Press
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 31 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2000:304074 CAPLUS
DOCUMENT NUMBER: 133:84483
TITLE: Intestinal transport and metabolism of glucose-conjugated kyotorphin and cyclic kyotorphin: metabolic degradation is crucial to intestinal absorption of peptide drugs
AUTHOR(S): Mizuma, T.; Koyanagi, A.; Awazu, S.
CORPORATE SOURCE: School of Pharmacy, Department of Biopharmaceutics and Drug Rational Research Center, Tokyo Yakka University (Tokyo University of Pharmacy and Life Science, TUPLS), Hachioji, Tokyo, Japan
SOURCE: Biochimica et Biophysica Acta, General Subjects (2000), 1475(1), 90-98
CODEN: BBGSB3; ISSN: 0304-4165
PUBLISHER: Elsevier B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 32 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2000:292292 CAPLUS
DOCUMENT NUMBER: 133:105211
TITLE: Synthesis of water soluble O-glycosides of N-(hydroxyalkyl)aminomethylferrocenes
AUTHOR(S): Landells, John S.; Kerr, Joy L.; Larsen, David S.; Robinson, Brian H.; Simpson, Jim
CORPORATE SOURCE: Department of Chemistry, University of Otago, Dunedin, N. Z.
SOURCE: Dalton (2000), (9), 1403-1409
CODEN: DALTFG; ISSN: 1470-479X
PUBLISHER: Royal Society of Chemistry
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 133:105211

REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 33 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2000:276052 CAPLUS
DOCUMENT NUMBER: 133:27511
TITLE: Metabolism of fluoranthene in different plant cell cultures and intact plants
AUTHOR(S): Kolb, Marit; Harms, Hans
CORPORATE SOURCE: Institut fur Pflanzenernahrung und Bodenkunde, Bundesforschungsanstalt fur Landwirtschaft, Braunschweig, D-38116, Germany
SOURCE: Environmental Toxicology and Chemistry (2000), 19(5), 1304-1310
CODEN: ETOCDK; ISSN: 0730-7268
PUBLISHER: SETAC Press
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 34 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2000:189592 CAPLUS
DOCUMENT NUMBER: 133:26743
TITLE: Systemically administered d-glucose conjugates of 7-chlorokynurenic acid are centrally available and exert anticonvulsant activity in rodents
AUTHOR(S): Battaglia, G.; La Russa, M.; Bruno, V.; Arenare, L.; Ippolito, R.; Copani, A.; Bonina, F.; Nicoletti, F.
CORPORATE SOURCE: I.N.M. Neuromed, Pozilli, Italy
SOURCE: Brain Research (2000), 860(1,2), 149-156
CODEN: BRREAP; ISSN: 0006-8993
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 35 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2000:148987 CAPLUS
DOCUMENT NUMBER: 132:318788
TITLE: Changes in the Metabolic Elimination Profile of Testosterone Following Exposure of the Crustacean Daphnia magna to Tributyltin
AUTHOR(S): LeBlanc, Gerald A.; McLachlan, James B.
CORPORATE SOURCE: Department of Toxicology, North Carolina State University, Raleigh, NC, 27695-7633, USA
SOURCE: Ecotoxicology and Environmental Safety (2000), 45(3), 296-303
CODEN: EESADV; ISSN: 0147-6513
PUBLISHER: Academic Press
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 36 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1999:763877 CAPLUS
DOCUMENT NUMBER: 132:466
TITLE: Treatment of C. difficile toxin B associated conditions
INVENTOR(S): Armstrong, Glen D.; Heerze, Louis D.
PATENT ASSIGNEE(S): Synsorb Biotech, Inc., Can.
SOURCE: PCT Int. Appl., 54 pp.

CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9961031	A1	19991202	WO 1999-CA484	19990527 <--
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6013635	A	20000111	US 1998-85032	19980528 <--
CA 2321927	A1	19991202	CA 1999-2321927	19990527 <--
AU 9941253	A	19991213	AU 1999-41253	19990527 <--
EP 1089740	A1	20010411	EP 1999-924602	19990527 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002516284	T	20020604	JP 2000-550491	19990527 <--
EP 1704865	A2	20060927	EP 2006-9088	19990527
EP 1704865	A3	20061206		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
US 6107282	A	20000822	US 1999-419790	19991018 <--
US 6465435	B1	20021015	US 2000-593040	20000613 <--
NO 2000005992	A	20010124	NO 2000-5992	20001127 <--
JP 2006213735	A	20060817	JP 2006-136969	20060516

PRIORITY APPLN. INFO.:

US 1998-85032	A	19980528
EP 1999-924602	A3	19990527
JP 2000-550491	A3	19990527
WO 1999-CA484	W	19990527
US 1999-419790	A1	19991018

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 37 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1999:590227 CAPLUS
DOCUMENT NUMBER: 131:334638
TITLE: Salicylic acid induces resistance to Alternaria solani in hydroponically grown tomato
AUTHOR(S): Spletzer, Matthew E.; Enyedi, Alexander J.
CORPORATE SOURCE: Department of Biological Sciences, Western Michigan University, Kalamazoo, MI, 49008-3899, USA
SOURCE: Phytopathology (1999), 89(9), 722-727
CODEN: PHYTAJ; ISSN: 0031-949X
PUBLISHER: American Phytopathological Society
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 38 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1999:547405 CAPLUS
DOCUMENT NUMBER: 131:295054
TITLE: Transport and recognition of aminopeptidase-resistant cellobiose-coupled tyrosylglycylglycine by intestinal Na+/glucose cotransporter (SGLT1): recognition of sugar conjugates by SGLT1 is much less restricted than transport
AUTHOR(S): Mizuma, Takashi; Sakai, Norio; Hagi, Katsura; Awazu,

Shoji
CORPORATE SOURCE: Department of Biopharmaceutics and Drug Rational Research Center, School of Pharmacy, Tokyo University of Pharmacy and Life Science, Tokyo, 192-0392, Japan
SOURCE: Biological & Pharmaceutical Bulletin (1999), 22(8), 876-879
CODEN: BPBLEO; ISSN: 0918-6158
PUBLISHER: Pharmaceutical Society of Japan
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 39 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1999:366895 CAPLUS
DOCUMENT NUMBER: 131:40890
TITLE: Herbicide metabolism in plants: integrated pathways of detoxification
AUTHOR(S): Kreuz, Klaus; Martinoia, Enrico
CORPORATE SOURCE: Novartis Crop Protection Ag, Basel, CH-4002, Switz.
SOURCE: Special Publication - Royal Society of Chemistry (1999), 233(Pesticide Chemistry and Bioscience), 279-287
CODEN: SROCDO; ISSN: 0260-6291
PUBLISHER: Royal Society of Chemistry
DOCUMENT TYPE: Journal; General Review
LANGUAGE: English
REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 40 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1999:215196 CAPLUS
DOCUMENT NUMBER: 131:27433
TITLE: Identification of glucoside and carboxyl-linked glucuronide conjugates of mycophenolic acid in plasma of transplant recipients treated with mycophenolate mofetil
AUTHOR(S): Shipkova, Maria; Armstrong, Victor William; Wieland, Eberhard; Niedmann, Paul Dieter; Schutz, Ekkehard; Brenner-Weiss, Gerald; Voihsel, Martin; Braun, Felix; Oellerich, Michael
CORPORATE SOURCE: Abteilung Klinische Chemie, Georg-August-Universitat Gottingen, Germany
SOURCE: British Journal of Pharmacology (1999), 126(5), 1075-1082
CODEN: BJPCBM; ISSN: 0007-1188
PUBLISHER: Stockton Press
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 41 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1999:63555 CAPLUS
DOCUMENT NUMBER: 130:246248
TITLE: Intestinal absorption of acyclovir β-glucoside: comparative study with acyclovir, guanosine, and kinetin β-glucoside
AUTHOR(S): Mizuma, Takashi; Masubuchi, Satoshi; Awazu, Shoji
CORPORATE SOURCE: Department of Biopharmaceutics and Drug Rational Research Center, School of Pharmacy, Tokyo University of Pharmacy and Life Science, Tokyo, 192-03, Japan
SOURCE: Pharmaceutical Research (1999), 16(1), 69-73
CODEN: PHREEB; ISSN: 0724-8741
PUBLISHER: Plenum Publishing Corp.

DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 42 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1998:553866 CAPLUS
DOCUMENT NUMBER: 129:313801
TITLE: Factors that cause the β-anomeric preference of Na+/glucose cotransporter for intestinal transport of monosaccharide conjugates
AUTHOR(S): Mizuma, Takashi; Nagamine, Yasuo; Dobashi, Akira; Awazu, Shoji
CORPORATE SOURCE: School of Pharmacy, Department of Biopharmaceutics, Tokyo University of Pharmacy and Life Science, Hachioji, Tokyo, 192-03, Japan
SOURCE: Biochimica et Biophysica Acta, General Subjects (1998), 1381(3), 340-346
CODEN: BBGSB3; ISSN: 0304-4165
PUBLISHER: Elsevier B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 43 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1998:395747 CAPLUS
DOCUMENT NUMBER: 129:147128
TITLE: Intestinal metabolism and transport of α-disaccharide conjugates: the role of disaccharidase in the Na+/glucose cotransporter-mediated transport
AUTHOR(S): Mizuma, T.; Awazu, S.
CORPORATE SOURCE: Department of Biopharmaceutics, School of Pharmacy, Tokyo University of Pharmacy and Life Science (TUPLS), Tokyo, 192-03, Japan
SOURCE: Research Communications in Molecular Pathology and Pharmacology (1998), 100(1), 43-52
CODEN: RCMPE6; ISSN: 1078-0297
PUBLISHER: PJD Publications Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 44 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1998:392141 CAPLUS
DOCUMENT NUMBER: 129:36442
TITLE: Method and compositions for treating malignant tumors and inhibiting metastases of malignant tumors
INVENTOR(S): Rubin, David
PATENT ASSIGNEE(S): CO Enzyme Technology Ltd., USA
SOURCE: U.S., 12 pp., Cont.-in-part of U. S. 5,639,737.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 6
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5760008	A	19980602	US 1996-666643	19960618 <--
US 5340803	A	19940823	US 1993-57666	19930505 <--
US 5476842	A	19951219	US 1993-138195	19931020 <--
US 5639737	A	19970617	US 1994-360352	19941221 <--

PRIORITY APPLN. INFO.: US 1991-787347 B2 19911104
US 1993-57666 A2 19930505
US 1993-138195 A2 19931020
US 1994-360352 A2 19941221

REFERENCE COUNT: 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 45 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1998:333653 CAPLUS
DOCUMENT NUMBER: 129:37220
TITLE: Nuclease-resistant oligonucleotide-carbohydrate conjugates as inhibitors for gene expression
INVENTOR(S): Veerapanane, Dange; Nosawa, Iwao
PATENT ASSIGNEE(S): Hisamitsu Pharmaceutical Co., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 10127293	A	19980519	JP 1997-126493	19970430 <--

PRIORITY APPLN. INFO.: US 1996-640263 A 19960430

L2 ANSWER 46 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1998:202641 CAPLUS
DOCUMENT NUMBER: 128:266977
TITLE: Complexes of nucleic acid and polylysine conjugated with non-charged residues and recognition signals for the transfection of cells
INVENTOR(S): Midoux, Patrick; Erbacher, Patrick; Roche-Degremont, Annie-Claude; Monsigny, Michel
PATENT ASSIGNEE(S): I.D.M. Immuno-Designed Molecules, Fr.
SOURCE: U.S., 53 pp., Cont.-in-part of U.S. 505,068, abandoned.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5733762	A	19980331	US 1996-741678	19961031 <--
FR 2719316	A1	19951103	FR 1994-5174	19940428 <--
FR 2719316	B1	19960531		
US 5595897	A	19970121	US 1994-288681	19940810 <--
CA 2187629	A1	19951109	CA 1995-2187629	19950424 <--
CA 2187629	C	20040921		
ES 2181775	T3	20030301	ES 1995-918049	19950424 <--

PRIORITY APPLN. INFO.: FR 1994-5174 A 19940428
US 1994-288681 A2 19940810
US 1995-505068 B2 19950721

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 47 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1998:178068 CAPLUS
DOCUMENT NUMBER: 129:1591
TITLE: Altered metabolic elimination of testosterone and associated toxicity following exposure of Daphnia magna to nonylphenol polyethoxylate
AUTHOR(S): Baldwin, William S.; Graham, Stephen E.; Shea, Damian;

Leblanc, Gerald A.
CORPORATE SOURCE: Department of Toxicology, North Carolina State University, Raleigh, NC, 27695-7633, USA
SOURCE: Ecotoxicology and Environmental Safety (1998), 39(2), 104-111
CODEN: EESADV; ISSN: 0147-6513
PUBLISHER: Academic Press
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 48 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1998:126376 CAPLUS
DOCUMENT NUMBER: 128:189187
TITLE: Delivery of nucleic acids to airway epithelial cells as complexes with glycosylated derivatives of polylysine
INVENTOR(S): Glick, Mary Catherine; Scanlin, Thomas F.; Kollen, Wouter J. W.
PATENT ASSIGNEE(S): Children's Hospital of Philadelphia, USA
SOURCE: PCT Int. Appl., 85 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9806869	A1	19980219	WO 1997-US14280	19970813 <--
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 5948681	A	19990907	US 1997-907673	19970808 <--
AU 9740659	A	19980306	AU 1997-40659	19970813 <--

PRIORITY APPLN. INFO.: US 1996-23941P P 19960814
US 1997-907673 A 19970808
WO 1997-US14280 W 19970813
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 49 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1998:62823 CAPLUS
DOCUMENT NUMBER: 128:114228
TITLE: Fate of [14C]Diphenylamine in Stored Apples
AUTHOR(S): Kim-Kang, Heasook; Robinson, Robert A.; Wu, Jinn
CORPORATE SOURCE: XenoBiotic Laboratories Inc., Plainsboro, NE, 08536, USA
SOURCE: Journal of Agricultural and Food Chemistry (1998), 46(2), 707-717
CODEN: JAFCAU; ISSN: 0021-8561
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 50 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1998:15266 CAPLUS

DOCUMENT NUMBER: 128:178438
TITLE: Intestinal Na+/glucose cotransporter-mediated transport of glucose conjugate formed from disaccharide conjugate
AUTHOR(S): Mizuma, Takashi; Awazu, Shoji
CORPORATE SOURCE: Hachioji, Horinouchi, School of Pharmacy, Department of Biopharmaceutics, Tokyo University of Pharmacy and Life Science, Tokyo 192-03, 1432-1, Japan
SOURCE: Biochimica et Biophysica Acta, General Subjects (1998), 1379(1), 1-6
CODEN: BBGSB3; ISSN: 0304-4165
PUBLISHER: Elsevier B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 51 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1997:805512 CAPLUS
DOCUMENT NUMBER: 128:102303
TITLE: Cellulase-catalyzed transglucosylation of acetaminophen and acyclovir: preparative enzymic synthesis of β- glucose conjugate
AUTHOR(S): Mizuma, Takashi; Masubuchi, Satoshi; Awazu, Shoji
CORPORATE SOURCE: Department of Biopharmaceutics and Drug Rational Research Center School of Pharmacy, Tokyo University of Pharmacy and Life Science, Tokyo, 192-03, Japan
SOURCE: Pharmaceutical Research (1997), 14(11), 1647-1650
CODEN: PHREEB; ISSN: 0724-8741
PUBLISHER: Plenum Publishing Corp.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 52 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1997:772809 CAPLUS
DOCUMENT NUMBER: 128:47444
TITLE: Method for the determination of imazamox and its two hydroxy and glucose conjugate metabolites in adzuki beans by capillary electrophoresis
AUTHOR(S): Ohba, Kaori; Minoura, Masaaki; Safarpour, Maximilian M.; Picard, Gerald L.; Safarpour, Hudan
CORPORATE SOURCE: Tahara Agric. Cent., Cyanamid (Japan) Ltd., Aichi, 441-34, Japan
SOURCE: Nippon Noyaku Gakkaishi (1997), 22(4), 277-281
CODEN: NNGADV; ISSN: 0385-1559
PUBLISHER: Nippon Noyaku Gakkai
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 53 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1997:747980 CAPLUS
DOCUMENT NUMBER: 128:101462
TITLE: Relative bioavailability of the antioxidant flavonoid quercetin from various foods in man
AUTHOR(S): Hollman, Peter C. H.; van Trijp, John M. P.; Buysman, Michel N. C. P.; v. d. Gaag, Martijn S.; Mengelers, Marcel J. B.; de Vries, Jeanne H. M.; Katan, Martijn B.
CORPORATE SOURCE: Bornsesteeg 45, DLO-State Institute for Quality

Control of Agricultural Products (RIKILT-DLO), 6708 PD Wageningen, Neth.
SOURCE: FEBS Letters (1997), 418(1,2), 152-156
CODEN: FEBLAL; ISSN: 0014-5793
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 54 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1997:436578 CAPLUS
DOCUMENT NUMBER: 127:90498
TITLE: Method and compositions for treating malignant tumors and inhibiting growth and metastases of malignant tumors
INVENTOR(S): Rubin, David
PATENT ASSIGNEE(S): Co Enzyme Technology Ltd., USA
SOURCE: U.S., 13 pp., Cont.-in-part of U.S. 5,476,842.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 6
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
US 5639737	A	19970617	US 1994-360352	19941221	<--
US 5340803	A	19940823	US 1993-57666	19930505	<--
US 5476842	A	19951219	US 1993-138195	19931020	<--
CA 2208206	A1	19960627	CA 1995-2208206	19951127	<--
WO 9619243	A1	19960627	WO 1995-US15097	19951127	<--
W: AU, CA, MX					
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE					
AU 9642407	A	19960710	AU 1996-42407	19951127	<--
AU 692021	B2	19980528			
EP 797453	A1	19971001	EP 1995-940764	19951127	<--
EP 797453	B1	20030326			
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE					
AT 235257	T	20030415	AT 1995-940764	19951127	<--
US 5760008	A	19980602	US 1996-666643	19960618	<--

PRIORITY APPLN. INFO.:		
US 1991-787347	B2	19911104
US 1993-57666	A2	19930505
US 1993-138195	A2	19931020
US 1994-360352	A	19941221
WO 1995-US15097	W	19951127

L2 ANSWER 55 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1997:375443 CAPLUS
DOCUMENT NUMBER: 127:62243
TITLE: High affinity binding of the Entamoeba histolytica lectin to polyvalent N-acetylgalactosaminides
AUTHOR(S): Schnaar, Ronald L.; Adler, Pablo; Lee, Yuan C.; Lee, Reiko T.; Petri, William A., Jr.
CORPORATE SOURCE: Johns Hopkins University, Baltimore, MD, USA
SOURCE: Proceedings of the ERDEC Scientific Conference on Chemical and Biological Defense Research, Aberdeen Proving Ground, Md., Nov. 15-18, 1994 (1996) , Meeting Date 1994, 511-517. Editor(s): Berg, Dorothy A. National Technical Information Service: Springfield, Va.
CODEN: 64NAAX
DOCUMENT TYPE: Conference
LANGUAGE: English

L2 ANSWER 56 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1997:158561 CAPLUS

TITLE: Metabolism of fonofos in peanuts
AUTHOR(S): Subba-Rao, R. V.; Onisko, B. C.; Nguyen, E.; Ortiz, D.; Wei, Y.
CORPORATE SOURCE: Western Research Center, Zeneca Ag Products, Richmond, CA, 94804, USA
SOURCE: Book of Abstracts, 213th ACS National Meeting, San Francisco, April 13-17 (1997), AGRO-035. American Chemical Society: Washington, D. C.
CODEN: 64AOAA
DOCUMENT TYPE: Conference; Meeting Abstract
LANGUAGE: English

L2 ANSWER 57 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1997:144950 CAPLUS
DOCUMENT NUMBER: 126:326844
TITLE: Light-dependent enhanced metabolism of chlorotoluron in a substituted urea herbicide-resistant biotype of Lolium rigidum
AUTHOR(S): Preston, Christopher; Powles, Stephen B.
CORPORATE SOURCE: Cooperative Research Center Weed Management Systems, Univ. Adelaide, Glen Osmond, 5064, Australia
SOURCE: Planta (1997), 201(2), 202-208
CODEN: PLANAB; ISSN: 0032-0935
PUBLISHER: Springer
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 58 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1996:748712 CAPLUS
DOCUMENT NUMBER: 126:101268
TITLE: The activation of rigid materials with a surface polymer layer composed of a dextran-polyimine mixture and their application as supports for bioselective adsorption centers
AUTHOR(S): Dawidowicz, A. L.; Wasilewska, D.; Rogalski, J.
CORPORATE SOURCE: Dep. Chem. Physics Physicochemical Separation Methods, Maria Curie-Sklodowska Univ., Lublin, 20-031, Pol.
SOURCE: Adsorption Science & Technology (1996), 14(2), 101-111
CODEN: ASTEEZ; ISSN: 0263-6174
PUBLISHER: Multi-Science Publishing
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 59 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1996:637021 CAPLUS
DOCUMENT NUMBER: 125:268029
TITLE: Microwave-assisted extraction coupled with liquid chromatography/electrospray ionization mass spectrometry for the simplified determination of imidazolinone herbicides and their metabolites in plant tissue
AUTHOR(S): Stout, Steven J.; daCunha, Adrian R.; Picard, Gerald L.; Safarpour, Maximilian M.
CORPORATE SOURCE: Agricultural Products Research Division, American Cyanamid Company, Princeton, NJ, 08543-0400, USA
SOURCE: Journal of Agricultural and Food Chemistry (1996), 44(11), 3548-3553
CODEN: JAFCAU; ISSN: 0021-8561
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 60 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1996:608448 CAPLUS

DOCUMENT NUMBER: 125:292188
TITLE: Metabolism of 14C-sulfadimethoxine in swine
AUTHOR(S): Adams, P. E.; Feil, V. J.; Paulson, G. D.
CORPORATE SOURCE: Agricultural Research Service, Biosciences Research Laboratory, US Department Agriculture, Fargo, ND, 58105, USA
SOURCE: Xenobiotica (1996), 26(9), 921-933
CODEN: XENOBH; ISSN: 0049-8254
PUBLISHER: Taylor & Francis
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 61 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1996:537814 CAPLUS
DOCUMENT NUMBER: 125:222349
TITLE: Method of producing a fluorescence-labeled carbohydrate or protein conjugate utilizing a bifunctional 2-aminopyridine
INVENTOR(S): Kusumoto, Shoichi; Fukase, Koichi; Hase, Sumihiro
PATENT ASSIGNEE(S): Seikagaku Kogyo K. K., Japan
SOURCE: U.S., 11 pp., Cont.-in-part of U.S. 5, 386, 033.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE	
US 5548077	A	19960820	US 1994-311733		19940923	<--
JP 05255253	A	19931005	JP 1992-88314		19920313	<--
JP 3122520	B2	20010109				
US 5386033	A	19950131	US 1993-31476		19930315	<--
PRIORITY APPLN. INFO.:			JP 1992-88314	A	19920313	
			US 1993-31476	A2	19930315	

OTHER SOURCE(S): MARPAT 125:222349

L2 ANSWER 62 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1996:467138 CAPLUS
DOCUMENT NUMBER: 125:123731
TITLE: Composition for treatment of malignant tumors and their metastases
INVENTOR(S): Rubin, David
PATENT ASSIGNEE(S): Co Enzyme Technology Ltd., USA
SOURCE: PCT Int. Appl., 40 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 6
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE	
WO 9619243	A1	19960627	WO 1995-US15097		19951127	<--
W: AU, CA, MX						
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE						
US 5639737	A	19970617	US 1994-360352		19941221	<--
AU 9642407	A	19960710	AU 1996-42407		19951127	<--
AU 692021	B2	19980528				
EP 797453	A1	19971001	EP 1995-940764		19951127	<--
EP 797453	B1	20030326				
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE						
AT 235257	T	20030415	AT 1995-940764		19951127	<--
PRIORITY APPLN. INFO.:			US 1994-360352	A	19941221	
			US 1991-787347	B2	19911104	

US 1993-57666	A2	19930505
US 1993-138195	A2	19931020
WO 1995-US15097	W	19951127

L2 ANSWER 63 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1996:411703 CAPLUS
TITLE: Metabolism of rimsulfuron herbicide in tomatoes.
AUTHOR(S): Zhang, M.; Fox, G. C., Jr.; Naidu, M. V.
CORPORATE SOURCE: DuPont Agricultural Products, E. I. du Pont de Nemours and Company, Wilmington, DE, 19880-0402, USA
SOURCE: Book of Abstracts, 212th ACS National Meeting, Orlando, FL, August 25-29 (1996), AGRO-039. American Chemical Society: Washington, D. C. CODEN: 63BFAF
DOCUMENT TYPE: Conference; Meeting Abstract
LANGUAGE: English

L2 ANSWER 64 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1996:411699 CAPLUS
TITLE: Fate of 14C-diphenylamine in stored apples
AUTHOR(S): Kim-Kang, Heasook; Robinson, Robert A.; Wu, Jinn
CORPORATE SOURCE: XenoBiotic Laboratories, Inc., Plainsboro, NJ, 08536, USA
SOURCE: Book of Abstracts, 212th ACS National Meeting, Orlando, FL, August 25-29 (1996), AGRO-037. American Chemical Society: Washington, D. C. CODEN: 63BFAF
DOCUMENT TYPE: Conference; Meeting Abstract
LANGUAGE: English

L2 ANSWER 65 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1996:312750 CAPLUS
DOCUMENT NUMBER: 125:27846
TITLE: Reductions in steroid hormone biotransformation/elimination as a biomarker of pentachlorophenol chronic toxicity
AUTHOR(S): Parks, Louise G.; LeBlanc, Gerald A.
CORPORATE SOURCE: Department of Toxicology, North Carolina State University, Box 7633, Raleigh, NC, 27695-7633, USA
SOURCE: Aquatic Toxicology (1996), 34(4), 291-303 CODEN: AQTODG; ISSN: 0166-445X
PUBLISHER: Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 66 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1996:312603 CAPLUS
DOCUMENT NUMBER: 125:5203
TITLE: Initial oxidative and subsequent conjugative metabolites produced during the metabolism of phenanthrene by fungi
AUTHOR(S): Casillas, R. P.; Crow, S. A., Jr.; Heinze, T. M.; Deck, J.; Cerniglia, C. E.
CORPORATE SOURCE: Dep. Biol., Georgia State Univ., Atlanta, GA, 30303, USA
SOURCE: Journal of Industrial Microbiology (1996), 16(4), 205-215 CODEN: JIMIE7; ISSN: 0169-4146
PUBLISHER: Stockton
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 67 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1996:228515 CAPLUS
DOCUMENT NUMBER: 124:279154

TITLE: Synthetic glycoamines that promote or inhibit cell adhesion for suppression of cancer metastasis
INVENTOR(S): Glinskii, Guennadi V.
PATENT ASSIGNEE(S): Metastat, Inc., USA
SOURCE: PCT Int. Appl., 25 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9601639	A1	19960125	WO 1995-US7530	19950612 <--
W: AU, CA, JP				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
US 5629412	A	19970513	US 1994-273506	19940711 <--
CA 2179899	A1	19960125	CA 1995-2179899	19950612 <--
CA 2179899	C	20000523		
AU 9528275	A	19960209	AU 1995-28275	19950612 <--
AU 706414	B2	19990617		
EP 731704	A1	19960918	EP 1995-923854	19950612 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, NL, SE				

PRIORITY APPLN. INFO.: US 1994-273506 A 19940711
WO 1995-US7530 W 19950612

L2 ANSWER 68 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1996:219085 CAPLUS
TITLE: Immunoaffinity sample cleanup and capillary electrophoresis (CE) determinative analysis of residues of imazamox herbicide and its two polar metabolites in soybean seed.
AUTHOR(S): Safarpour, H.; Picard, G.; Cavalier, T.; Corbett, M.; Wong, R.
CORPORATE SOURCE: Agricultural Products Research Division, American Cyanamid Company, Princeton, NJ, 08543-0400, USA
SOURCE: Book of Abstracts, 211th ACS National Meeting, New Orleans, LA, March 24-28 (1996), ENVR-009.
American Chemical Society: Washington, D. C.
CODEN: 62PIAJ
DOCUMENT TYPE: Conference; Meeting Abstract
LANGUAGE: English

L2 ANSWER 69 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1996:216894 CAPLUS
TITLE: Application of Capillary electrophoresis (CE) for the determination of pesticides in agricultural commodities.
AUTHOR(S): Safarpour, Maximilian M.; Picard, Gerald L.
CORPORATE SOURCE: American Cyanamid Company, USA
SOURCE: Book of Abstracts, 211th ACS National Meeting, New Orleans, LA, March 24-28 (1996), AGRO-131.
American Chemical Society: Washington, D. C.
CODEN: 62PIAJ
DOCUMENT TYPE: Conference; Meeting Abstract
LANGUAGE: English

L2 ANSWER 70 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1996:216888 CAPLUS
TITLE: Immunoaffinity sample cleanup and capillary electrophoresis (CE) determinative analysis of residues of imazamox herbicide and its two polar metabolites in soybean seed.
AUTHOR(S): Safarpour, Hudan; Picard, Gerald; Cavalier, Tom; Corbett, Marty; Wong, Rosie

CORPORATE SOURCE: Agricultural Products Rosearch Division, American Cyanamid Company, Princeton, NJ, 08543-0400, USA
SOURCE: Book of Abstracts, 211th ACS National Meeting, New Orleans, LA, March 24-28 (1996), AGRO-125. American Chemical Society: Washington, D. C. CODEN: 62PIAJ
DOCUMENT TYPE: Conference; Meeting Abstract
LANGUAGE: English

L2 ANSWER 71 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1996:216794 CAPLUS
TITLE: Metabolism of 14C-labeled chlorsulfuron in wheat.
AUTHOR(S): Swanson, M. B.; Cristy, T. A.; Denison, J. E.; Monson, K. D.; White, J. S.; Priester, T. M.
CORPORATE SOURCE: Battelle, Columbus, OH, 43201, USA
SOURCE: Book of Abstracts, 211th ACS National Meeting, New Orleans, LA, March 24-28 (1996), AGRO-032. American Chemical Society: Washington, D. C. CODEN: 62PIAJ
DOCUMENT TYPE: Conference; Meeting Abstract
LANGUAGE: English

L2 ANSWER 72 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1996:172190 CAPLUS
DOCUMENT NUMBER: 124:336671
TITLE: Water-soluble, stabilized protein conjugates consisting of proteins linked through saccharide groups to acrylic polymers
INVENTOR(S): Callstrom, Matthew R.; Bednarski, Mark D.; Gruber, Patrick R.
PATENT ASSIGNEE(S): Cargill, Inc., USA
SOURCE: U.S., 41 pp. Cont.-in-part of U.S. Ser. No. 613,224, abandoned. CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE	
US 5492821	A	19960220	US 1991-791915		19911113	<--
CA 2073511	A1	19920515	CA 1991-2073511		19911113	<--
US 5639633	A	19970617	US 1995-466403		19950606	<--
US 5691154	A	19971125	US 1995-469662		19950606	<--
US 5736625	A	19980407	US 1995-468970		19950606	<--
PRIORITY APPLN. INFO.:			US 1990-613224	B2	19901114	
			US 1991-791915	A3	19911113	

L2 ANSWER 73 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1996:117355 CAPLUS
DOCUMENT NUMBER: 124:171168
TITLE: Stimulation of Ca2+-dependent membrane currents in Xenopus oocytes by microinjection of pyrimidine nucleotide-glucose conjugates
AUTHOR(S): Kim, Hak Yong; Thomas, David; Hanley, Michael R.
CORPORATE SOURCE: Dep. Biol. Chem. Sch. Med., Univ. California, Davis, CA, 95616-8635, USA
SOURCE: Molecular Pharmacology (1996), 49(2), 360-4 CODEN: MOPMA3; ISSN: 0026-895X
PUBLISHER: Williams & Wilkins
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 74 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1996:71450 CAPLUS
DOCUMENT NUMBER: 124:165235
TITLE: Method and compositions for treating tumors having high tyrosinase activity
INVENTOR(S): Rubin, David
PATENT ASSIGNEE(S): Co Enzyme Technology Ltd., USA
SOURCE: U.S., 10 pp. Cont.-in-part of U.S. Ser. No. 787,347,abandoned.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 6
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE	
US 5476842	A	19951219	US 1993-138195		19931020	<--
US 5340803	A	19940823	US 1993-57666		19930505	<--
US 5639737	A	19970617	US 1994-360352		19941221	<--
US 5760008	A	19980602	US 1996-666643		19960618	<--
PRIORITY APPLN. INFO.:			US 1991-787347	B2	19911104	
			US 1993-57666	A2	19930505	
			US 1993-138195	A2	19931020	
			US 1994-360352	A2	19941221	

L2 ANSWER 75 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1996:28173 CAPLUS
DOCUMENT NUMBER: 124:56745
TITLE: Preparation of protein-xyloglucan conjugate as functional protein
INVENTOR(S): Kato, Akio
PATENT ASSIGNEE(S): Dainippon Pharmaceutical Co, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
JP 07258292	A	19951009	JP 1994-79382	19940325	<--
PRIORITY APPLN. INFO.:			JP 1994-79382	19940325	

L2 ANSWER 76 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1995:977629 CAPLUS
DOCUMENT NUMBER: 124:23859
TITLE: Absorption, translocation, and metabolism of imazethapyr in common ragweed (Ambrosia artemisiifolia) and giant ragweed (Ambrosia trifida)
AUTHOR(S): Ballard, Thomas O.; Foley, Michael E.; Bauman, Thomas T.
CORPORATE SOURCE: Dep. Bot. Plant Pathol., Purdue Univ., West Lafayette, IN, 47907, USA
SOURCE: Weed Science (1995), 43(4), 572-7
CODEN: WEESA6; ISSN: 0043-1745
PUBLISHER: Weed Science Society of America
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 77 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1995:976197 CAPLUS
DOCUMENT NUMBER: 124:79781
TITLE: β-Glucosylarginine: a new glucose-protein bond in a self-glucosylating protein from sweet corn

AUTHOR(S): Singh, David G.; Lomako, Joseph; Lomako, Wieslawa M.; Whelan, William J.; Meyer, Helmut E.; Serwe, Maria; Metzger, Joerg W.
CORPORATE SOURCE: Department of Biochemistry and Molecular Biology, University of Miami School of Medicine, (M823), PO Box 016129, Miami, FL, 33101, USA
SOURCE: FEBS Letters (1995), 376(1,2), 61-4
CODEN: FEBLAL; ISSN: 0014-5793
PUBLISHER: Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 78 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1995:974445 CAPLUS
DOCUMENT NUMBER: 124:28071
TITLE: Enantioselective synthesis of several 1-O-β-D-glucoconjugates using almond β-glucosidase (E.C. 3.2.1.21)
AUTHOR(S): Fischer, L.; Bromann, R.; Wagner, F.
CORPORATE SOURCE: Inst. Biochem. Biotechnol., TU BS, Braunschweig, D-38106, Germany
SOURCE: Biotechnology Letters (1995), 17(11), 1169-74
CODEN: BILED3; ISSN: 0141-5492
PUBLISHER: Science and Technology Letters
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 124:28071

L2 ANSWER 79 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1995:674451 CAPLUS
DOCUMENT NUMBER: 123:79208
TITLE: Metabolism of the Fusarium mycotoxins zearalenone and deoxynivalenol by yeast strains of technological relevance
AUTHOR(S): Boeswald, Christoph; Engelhardt, Gabriele; Vogel, Herbert; Wallnoefer, Peter R.
CORPORATE SOURCE: Abteilung Ernaehrung, Bayerische Landesanstalt Ernaehrung, Munich, 80638, Germany
SOURCE: Natural Toxins (1995), 3(3), 138-44
CODEN: NATOEE; ISSN: 1056-9014
PUBLISHER: Wiley-Liss
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 80 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1995:585306 CAPLUS
DOCUMENT NUMBER: 123:1308
TITLE: Physiological and biochemical perturbations in Daphnia magna following exposure to the model environmental estrogen diethylstilbestrol
AUTHOR(S): Baldwin, William S.; Milam, David L.; LeBlanc, Gerald A.
CORPORATE SOURCE: Dep. Toxicology, North Carolina State Univ., Raleigh, NC, 27695, USA
SOURCE: Environmental Toxicology and Chemistry (1995), 14(6), 945-52
CODEN: ETOCDK; ISSN: 0730-7268
PUBLISHER: SETAC Press
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 81 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1995:264377 CAPLUS
DOCUMENT NUMBER: 122:51282

TITLE: Gibberellin conjugates: an overview
AUTHOR(S): Schneider, G.; Schliemann, W.
CORPORATE SOURCE: Inst. Plant Biochem., Halle/Saale, D-06018, Germany
SOURCE: Plant Growth Regulation (1994), 15(3), 247-60
CODEN: PGRED3; ISSN: 0167-6903
PUBLISHER: Kluwer
DOCUMENT TYPE: Journal; General Review
LANGUAGE: English

L2 ANSWER 82 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1995:251551 CAPLUS
DOCUMENT NUMBER: 122:30021
TITLE: Determination of metsulfuron methyl and its two metabolites in crops by liquid chromatography with ultraviolet detection
AUTHOR(S): Zhou, Min; Li, Gui-Yun; Whalen, Stephanie A.
CORPORATE SOURCE: Agric. Prod. Exptl. Stn., E.I. du Pont de Nemours Co., Wilmington, DE, 19880-0402, USA
SOURCE: Journal of AOAC International (1994), 77(6), 1654-9
CODEN: JAINEE; ISSN: 1060-3271
PUBLISHER: AOAC International
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 83 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1995:199427 CAPLUS
DOCUMENT NUMBER: 122:128261
TITLE: Microbial transformation of immunosuppressive compounds III. Glucosylation of immunomycin (FR 900520) and FK 506 by Bacillus subtilis ATCC 55060
AUTHOR(S): Petuch, Brian R.; Arison, Byron; Hsu, Annjia; Monaghan, Richard; Dumont, Francis J.; Chen, Tom S.
CORPORATE SOURCE: Merck Res. Lab., Rahway, NJ, 07065, USA
SOURCE: Journal of Industrial Microbiology (1994), 13(2), 131-5
CODEN: JIMIE7; ISSN: 0169-4146
PUBLISHER: Stockton
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 122:128261

L2 ANSWER 84 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1994:674410 CAPLUS
DOCUMENT NUMBER: 121:274410
TITLE: Characterization of [14C]terminal residues in rice plants treated with [14C ring]benthiocarb.
AUTHOR(S): Cheng, Hong-Ming; Hwang, Deng-Fwu
CORPORATE SOURCE: Department Marine Food Science, National Taiwan Ocean University, Chi-lung, Taiwan
SOURCE: Yaowu Shipin Fenxi (1994), 2(2), 103-112
CODEN: YSFEEP; ISSN: 1021-9498
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 85 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1994:530748 CAPLUS
DOCUMENT NUMBER: 121:130748
TITLE: The β-anomeric and glucose preferences of glucose transport carrier for intestinal active absorption of monosaccharide conjugates
AUTHOR(S): Mizuma, Takashi; Ohta, Kunihiro; Awazu, Shoji
CORPORATE SOURCE: Department of Biopharmaceutics, Tokyo College of Pharmacy, 1432-1 Horinouchi, Hachioji, Tokyo, 192-03,

Japan
SOURCE: Biochimica et Biophysica Acta, General Subjects (1994), 1200(2), 117-22
CODEN: BBGSB3; ISSN: 0304-4165
PUBLISHER: Elsevier B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 86 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1994:530328 CAPLUS
DOCUMENT NUMBER: 121:130328
TITLE: In vivo biotransformation of testosterone by phase I and II detoxication enzymes and their modulation by 20-hydroxyecdysone in Daphnia magna
AUTHOR(S): Baldwin, William S.; LeBlanc, Gerald A.
CORPORATE SOURCE: North Carolina State University Department of Toxicology, Box 7633, Raleigh, NC, 27695, USA
SOURCE: Aquatic Toxicology (1994), 29(1-2), 103-17
CODEN: AQTODG; ISSN: 0166-445X
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 87 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1994:436088 CAPLUS
DOCUMENT NUMBER: 121:36088
TITLE: Novel carbohydrate conjugates as potential prodrugs of acyclovir
AUTHOR(S): Chamberlain, S. D.; Moorman, A. R.; Burnette, T. C.; de Miranda, P.; Krenitsky, T. A.
CORPORATE SOURCE: Wellcome Res. Lab., Research Triangle Park, NC, 27709, USA
SOURCE: Antiviral Chemistry & Chemotherapy (1994), 5(2), 64-73
CODEN: ACCHEH; ISSN: 0956-3202
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 88 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1994:318492 CAPLUS
DOCUMENT NUMBER: 120:318492
TITLE: Glucose-silicas for high-performance gel-filtration and ion-exchange chromatography
AUTHOR(S): Lee, Huey Guang
CORPORATE SOURCE: Cent. Health Sci., Univ. Tennessee, Memphis, TN, USA
SOURCE: (1992) 169 pp. Avail.: Univ. Microfilms Int., Order No. DA9308520
From: Diss. Abstr. Int. B 1993, 53(11), 5696-7
DOCUMENT TYPE: Dissertation
LANGUAGE: English

L2 ANSWER 89 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1994:211644 CAPLUS
DOCUMENT NUMBER: 120:211644
TITLE: System for delivery of diagnostic or therapeutic agents to the lymphatic tissues
INVENTOR(S): Papisov, Mikhail I.; Brady, Thomas J.
PATENT ASSIGNEE(S): General Hospital Corp., USA
SOURCE: PCT Int. Appl., 80 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

WO 9402068	A1	19940203	WO 1993-US6848		19930721 <--
W: AT, AU, BB, BG, BR, BY, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, VN					
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG					
AU 9347788	A	19940214	AU 1993-47788		19930721 <--
JP 07509467	T	19951019	JP 1994-504662		19930721 <--
PRIORITY APPLN. INFO.:			US 1992-917707	A	19920721
			WO 1993-US6848	W	19930721

L2 ANSWER 90 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1994:158160 CAPLUS
DOCUMENT NUMBER: 120:158160
TITLE: Method and device for detecting and quantifying substances in body fluids
INVENTOR(S): Chick, William L.; Wolf, David E.; Cardullo, Richard A.
PATENT ASSIGNEE(S): Sensor Technologies, Inc., USA
SOURCE: PCT Int. Appl., 61 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 9400602	A1	19940106	WO 1993-US6131		19930628 <--
W: JP					
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE					
EP 649476	A1	19950426	EP 1993-916805		19930628 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, NL, SE					
US 6040194	A	20000321	US 1995-467915		19950606 <--
PRIORITY APPLN. INFO.:			US 1992-905729	A	19920629
			US 1989-452122	A2	19891214
			WO 1993-US6131	W	19930628
			US 1993-160444	B1	19931201
			US 1994-302396	B1	19940908

L2 ANSWER 91 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1994:99262 CAPLUS
DOCUMENT NUMBER: 120:99262
TITLE: Glutathione conjugation: a detoxification pathway for fenoxaprop-ethyl in barley, crabgrass, oat, and wheat
AUTHOR(S): Tal, Abraham; Romano, M. Luisa; Stephenson, Gerald R.; Schwan, Adrian L.; Hall, J. Christopher
CORPORATE SOURCE: Dep. Environ. Biol., Univ. Guelph, Guelph, ON, N1G 2W1, Can.
SOURCE: Pesticide Biochemistry and Physiology (1993), 46(3), 190-9
CODEN: PCBPBS; ISSN: 0048-3575
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 92 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1994:94643 CAPLUS
DOCUMENT NUMBER: 120:94643
TITLE: Absorption of N4-D-glucopyranosylsulfamethazine by rat everted intestinal sacs
AUTHOR(S): Wang, Yi; Grigg, Ronald; McCormack, Ann; Symonds, Herbert; Bowmer, Christopher
CORPORATE SOURCE: Dep. Pharmacol. Org. Chem. Anim. Physiol., Univ. Leeds, Leeds, LS2 9JT, UK

SOURCE: Biochemical Pharmacology (1993), 46(10), 1864-6
CODEN: BCPCA6; ISSN: 0006-2952
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 93 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1993:666577 CAPLUS
DOCUMENT NUMBER: 119:266577
TITLE: Enzymic hydrolysis of 4-O and 6-O-indol-3-ylacetyl-β-D-glucose in plant tissues
AUTHOR(S): Jakubowska, Anna; Kowalczyk, Stanislaw; Leznicki, Antoni J.
CORPORATE SOURCE: Inst. Biol., Copernicus Univ., Torun, 87-100, Pol.
SOURCE: Journal of Plant Physiology (1993), 142(1), 61-6
CODEN: JPPHEY; ISSN: 0176-1617
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 94 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1993:229188 CAPLUS
DOCUMENT NUMBER: 118:229188
TITLE: Long wavelength lipophilic fluorogenic glycosidase substrates
INVENTOR(S): Haugland, Richard P.
PATENT ASSIGNEE(S): Molecular Probes, Inc., USA
SOURCE: PCT Int. Appl., 28 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9304074	A1	19930304	WO 1992-US7069	19920821 <--
W: CA, JP				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE				
US 5242805	A	19930907	US 1991-749255	19910823 <--
PRIORITY APPLN. INFO.:			US 1991-749255 A	19910823

OTHER SOURCE(S): MARPAT 118:229188

L2 ANSWER 95 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1993:213445 CAPLUS
DOCUMENT NUMBER: 118:213445
TITLE: Method for labelling sugars
INVENTOR(S): Lee, Yuan Chuan; Honda, Susumu; Kakehi, Kazuaki
PATENT ASSIGNEE(S): Takara Shuzo Co., Ltd., Japan
SOURCE: Eur. Pat. Appl., 11 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 480751	A1	19920415	EP 1991-309383	19911011 <--
EP 480751	B1	19950802		
R: DE, FR, GB, SE				
JP 04148865	A	19920521	JP 1990-272313	19901012 <--
JP 07037990	B	19950426		
US 5142031	A	19920825	US 1991-773325	19911011 <--
PRIORITY APPLN. INFO.:			JP 1990-272313 A	19901012

L2 ANSWER 96 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1993:147972 CAPLUS
DOCUMENT NUMBER: 118:147972
TITLE: Preparation of glucopyranose derivatives for immunochemical determination of glucosinolates in Cruciferae, particularly colza.
INVENTOR(S): Bromet, Norbert; Freche, Jean Paul; Rollin, Patrick; Viaud, Marie Claude
PATENT ASSIGNEE(S): Centre Technique Interprofessionnel Des Oleagineux Metropolitains (C.E.T.I.O.M.), Fr.
SOURCE: Fr. Demande, 24 pp.
CODEN: FRXXBL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2673630	A1	19920911	FR 1991-2828	19910308 <--
FR 2673630	B1	19930625		
PRIORITY APPLN. INFO.:			FR 1991-2828	19910308

OTHER SOURCE(S): MARPAT 118:147972

L2 ANSWER 97 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1993:20901 CAPLUS
DOCUMENT NUMBER: 118:20901
TITLE: Cholesteryl hemisuccinate's inductive effect on membrane rigidization regarding both, its remodelling of the cells' surface receptor pattern and its decreasing the natural killer susceptibility of K-562 cells
AUTHOR(S): Pajor, L.; Kalman, E.; Koszegi, T.
CORPORATE SOURCE: Dep. Pathol., Univ. Med. Sch., Pecs, Hung.
SOURCE: Acta Biologica Hungarica (1991), 42(4), 371-83
CODEN: ABHUE6; ISSN: 0236-5383
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 98 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1992:565862 CAPLUS
DOCUMENT NUMBER: 117:165862
TITLE: Rapid metabolic inactivation is the basis for cross-resistance to chlorsulfuron in diclofop-methyl-resistant rigid ryegrass (Lolium rigidum) biotype SR4/84
AUTHOR(S): Cotterman, J. C.; Saari, L. L.
CORPORATE SOURCE: E. I. Du Pont de Nemours and Co., Newark, DE, 19714, USA
SOURCE: Pesticide Biochemistry and Physiology (1992), 43(3), 182-92
CODEN: PCBPBS; ISSN: 0048-3575
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 99 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1992:169295 CAPLUS
DOCUMENT NUMBER: 116:169295
TITLE: Separation of functionalized dextrins by reversed-phase high-performance liquid chromatography
AUTHOR(S): Andriamboavonjy, E.; Flaschel, E.; Renken, A.
CORPORATE SOURCE: Inst. Chem. Eng., Swiss Fed. Inst. Technol., Lausanne, CH-1015, Switz.

SOURCE: Journal of Chromatography (1991), 587(2), 288-91
CODEN: JOCRAM; ISSN: 0021-9673
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 100 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1991:400778 CAPLUS
DOCUMENT NUMBER: 115:778
TITLE: Covalently-linked complexes and methods for enhanced cytotoxicity and imaging
INVENTOR(S): Anderson, David C.; Morgan, A. Charles; Abrams, Paul G.; Nichols, Everett J.; Fritzberg, Alan R.
PATENT ASSIGNEE(S): NeoRx Corp., USA
SOURCE: Eur. Pat. Appl., 23 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 359347	A2	19900321	EP 1989-250014	19890814 <--
EP 359347	A3	19900418		
EP 359347	B1	19921223		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
US 5135736	A	19920804	US 1988-232337	19880815 <--
US 5169933	A	19921208	US 1989-390241	19890807 <--
CA 1334513	C	19950221	CA 1989-608198	19890811 <--
JP 02124833	A	19900514	JP 1989-209992	19890814 <--
AT 83669	T	19930115	AT 1989-250014	19890814 <--
PRIORITY APPLN. INFO.:			US 1988-232337 A	19880815
			EP 1989-250014 A	19890814

L2 ANSWER 101 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1991:242753 CAPLUS
DOCUMENT NUMBER: 114:242753
TITLE: Metabolism of 2,4-dichlorophenoxyacetic acid in grape suspension culture
AUTHOR(S): Pantskhava, N. I.; Mitaishvili, T. I.; Ugrekhelidze, D. Sh.
CORPORATE SOURCE: Georg. Agric. Inst., Tbilisi, USSR
SOURCE: Fiziologiya Rastenii (Moscow) (1991), 38(2), 386-91
CODEN: FZRSAV; ISSN: 0015-3303
DOCUMENT TYPE: Journal
LANGUAGE: Russian

L2 ANSWER 102 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1991:223469 CAPLUS
DOCUMENT NUMBER: 114:223469
TITLE: Metabolism of the herbicide metribuzin by an N-glucosyltransferase from tomato cell cultures
AUTHOR(S): Davis, D. G.; Olson, P. A.; Swanson, H. R.; Frear, D. S.
CORPORATE SOURCE: Biosci. Res. Lab., Agric. Res. Serv., Fargo, ND, 58105, USA
SOURCE: Plant Science (Shannon, Ireland) (1991), 74(1), 73-80
CODEN: PLSCE4; ISSN: 0168-9452
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 103 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1991:102583 CAPLUS
DOCUMENT NUMBER: 114:102583
TITLE: Chemically and biologically synthesized zearalenone-4-β-D-glucopyranoside: comparison and convenient determination by gradient HPLC
AUTHOR(S): Zill, G.; Ziegler, W.; Engelhardt, G.; Wallnoefer, P. R.
CORPORATE SOURCE: Bayer. Landesanst. Ernaehrung, Munich, 8000/19, Germany
SOURCE: Chemosphere (1990), 21(4-5), 435-42
CODEN: CMSHAF; ISSN: 0045-6535
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 104 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1991:74663 CAPLUS
DOCUMENT NUMBER: 114:74663
TITLE: The metabolism and excretion of carbovir, a carbocyclic nucleoside, in the rat
AUTHOR(S): Walsh, John S.; Patanella, James E.; Unger, Steve E.; Brouwer, Kenneth R.; Miwa, Gerald T.
CORPORATE SOURCE: Dep. Drug Metab., Glaxo Inc., Research Triangle Park, NC, 27709, USA
SOURCE: Drug Metabolism and Disposition (1990), 18(6), 1084-91
CODEN: DMDSAI; ISSN: 0090-9556
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 105 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1991:58964 CAPLUS
DOCUMENT NUMBER: 114:58964
TITLE: Effects of red and blue light on absorption and esterification of [1-14C]indoleacetic acid by potato plants in cultured in vitro
AUTHOR(S): Aksenova, N. P.; Golyanovskaya, S. A.; Konstantinova, T. N.; Sergeeva, L. I.; Khein, Kh. Ya.; Chailakhyan, M. Kh.
CORPORATE SOURCE: K. A. Timiryazev Inst. Plant Physiol., Moscow, USSR
SOURCE: Fiziologiya Rastenii (Moscow) (1990), 37(5), 981-6
CODEN: FZRSAV; ISSN: 0015-3303
DOCUMENT TYPE: Journal
LANGUAGE: Russian

L2 ANSWER 106 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1991:55236 CAPLUS
DOCUMENT NUMBER: 114:55236
TITLE: Identification of urinary metabolites of cannabidiol in the dog
AUTHOR(S): Samara, E.; Bialer, M.; Harvey, D. J.
CORPORATE SOURCE: Dep. Pharmacol., Oxford Univ., Oxford, OX1 3QT, UK
SOURCE: Drug Metabolism and Disposition (1990), 18(5), 571-9
CODEN: DMDSAI; ISSN: 0090-9556
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 107 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1991:39741 CAPLUS
DOCUMENT NUMBER: 114:39741
TITLE: Study of the cell surface receptor for the Ulex europaeus L. lectin
AUTHOR(S): Zeng, Zhongkui; Wu, Qiaqing; Zeng, Guangyo
CORPORATE SOURCE: Dep. Biol., Sichuan Univ., Chengdu, Peop. Rep. China

SOURCE: Sichuan Daxue Xuebao, Ziran Kexueban (1990), 27(3), 336-42
CODEN: SCTHAO; ISSN: 0490-6756
DOCUMENT TYPE: Journal
LANGUAGE: Chinese

L2 ANSWER 108 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1991:20170 CAPLUS
DOCUMENT NUMBER: 114:20170
TITLE: Enzyme immobilization on insoluble protein carrier
INVENTOR(S): Yamauchi, Fumio; Kamata, Yoshiaki
PATENT ASSIGNEE(S): Food Techno Miyagi Kyodo Kumiai, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 02200182	A	19900808	JP 1988-226879	19880910 <--
PRIORITY APPLN. INFO.:			JP 1988-226879	19880910

L2 ANSWER 109 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1990:628278 CAPLUS
DOCUMENT NUMBER: 113:228278
TITLE: The cell surface of isolated cardiac myocytes - a light microscope study with use of fluorochrome-coupled lectins
AUTHOR(S): Stegemann, M.; Meyer, R.; Haas, H. G.; Robert-Nicoud, M.
CORPORATE SOURCE: Physiol. Inst. II, Univ. Bonn, Bonn, D 5300, Germany
SOURCE: Journal of Molecular and Cellular Cardiology (1990), 22(7), 787-803
CODEN: JMCDAY; ISSN: 0022-2828
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 110 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1990:606233 CAPLUS
DOCUMENT NUMBER: 113:206233
TITLE: Cloning and expression of cDNA for human membrane-bound β-1,4-galactosyltransferase
INVENTOR(S): Fukuda, Michiko N.; Appert, Hubert A.
PATENT ASSIGNEE(S): La Jolla Cancer Research Foundation, USA
SOURCE: PCT Int. Appl., 30 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9007000	A2	19900628	WO 1989-US5128	19891116 <--
WO 9007000	A3	19900809		
W: AU, JP				
RW: AT, BE, CH, DE, ES, FR, GB, IT, LU, NL, SE				
AU 9047519	A	19900710	AU 1990-47519	19891116 <--
CA 2003797	A1	19900613	CA 1989-2003797	19891124 <--
PRIORITY APPLN. INFO.:			US 1988-283732 A	19881213
			WO 1989-US5128 A	19891116

L2 ANSWER 111 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1990:441212 CAPLUS
DOCUMENT NUMBER: 113:41212
TITLE: Fluorocarbon chain-containing antigenic conjugates
INVENTOR(S): Koganty, Rao R.
PATENT ASSIGNEE(S): Biomira Inc., Can.
SOURCE: Eur. Pat. Appl., 8 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 327070	A1	19890809	EP 1989-101745	19890201 <--
EP 327070	B1	19930505		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
US 5055562	A	19911008	US 1988-151145	19880201 <--
JP 01294698	A	19891128	JP 1989-23645	19890201 <--
AT 88901	T	19930515	AT 1989-101745	19890201 <--

PRIORITY APPLN. INFO.: US 1988-151145 A 19880201
EP 1989-101745 A 19890201

OTHER SOURCE(S): MARPAT 113:41212

L2 ANSWER 112 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1990:434326 CAPLUS
DOCUMENT NUMBER: 113:34326
TITLE: Stereochemical characterization of the diastereomers of the phenobarbital N-β-D- glucose conjugate excreted in human urine
AUTHOR(S): Soine, William H.; Soine, Phyllis J.; Mongrain, Suzanne E.; England, Terry M.
CORPORATE SOURCE: Sch. Pharm., Virginia Commonw. Univ., Richmond, VA, 23298-0581, USA
SOURCE: Pharmaceutical Research (1990), 7(4), 402-6
CODEN: PHREEB; ISSN: 0724-8741
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 113 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1990:403125 CAPLUS
DOCUMENT NUMBER: 113:3125
TITLE: Conjugation of benzo[a]pyrene metabolites by freshwater green alga Selenastrum capricornutum
AUTHOR(S): Warshawsky, David; Keenan, Tom H.; Reilman, Raymond; Cody, Terence E.; Radike, Martha J.
CORPORATE SOURCE: Med. Cent., Univ. Cincinnati, Cincinnati, OH, 45267-0056, USA
SOURCE: Chemico-Biological Interactions (1990), 74(1-2), 93-105
CODEN: CBINA8; ISSN: 0009-2797
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 114 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1990:173965 CAPLUS
DOCUMENT NUMBER: 112:173965
TITLE: Metabolism of [14C]quizalofop-ethyl in soybean and cotton plants
AUTHOR(S): Koeppe, Mary K.; Anderson, Jeffrey J.; Shalaby, Lamaat M.
CORPORATE SOURCE: Agric. Prod. Dep., E. I. du Pont de Nemours and Co., Inc., Wilmington, DE, 19880-0402, USA
SOURCE: Journal of Agricultural and Food Chemistry (1990), 38(4), 1085-91

CODEN: JAFCAU; ISSN: 0021-8561
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 115 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1990:173693 CAPLUS
DOCUMENT NUMBER: 112:173693
TITLE: Identification of glucose conjugates as major urinary metabolites of cannabidiol in the dog
AUTHOR(S): Samara, E.; Bialer, M.; Harvey, D. J.
CORPORATE SOURCE: Dep. Pharm., Hebrew Univ., Jerusalem, 91120, Israel
SOURCE: Xenobiotica (1990), 20(2), 177-83
CODEN: XENOBH; ISSN: 0049-8254
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 116 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1990:154753 CAPLUS
DOCUMENT NUMBER: 112:154753
TITLE: Functional protein-polysaccharide conjugate prepared by controlled dry-heating of ovalbumin-dextran mixtures
AUTHOR(S): Kato, Akio; Sasaki, Youko; Furuta, Ritsuko; Kobayashi, Kunihiko
CORPORATE SOURCE: Fac. Agric., Yamaguchi Univ., Yamaguchi, 753, Japan
SOURCE: Agricultural and Biological Chemistry (1990), 54(1), 107-12
CODEN: ABCHA6; ISSN: 0002-1369
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 117 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1990:93796 CAPLUS
DOCUMENT NUMBER: 112:93796
TITLE: Metribuzin metabolism by tomato cultivars with low, medium, and high levels of tolerance to metribuzin
AUTHOR(S): Smith, A. E.; Phatak, S. C.; Emmatty, D. A.
CORPORATE SOURCE: Agron. Dep., Univ. Georgia, Griffin, GA, 30223, USA
SOURCE: Pesticide Biochemistry and Physiology (1989), 35(3), 284-90
CODEN: PCBPBS; ISSN: 0048-3575
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 118 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1990:52451 CAPLUS
DOCUMENT NUMBER: 112:52451
TITLE: Formation of determinant complexes between cotton lectin and components of the elicitor of the Verticillium wilt pathogen
AUTHOR(S): Avazkhodzhaev, M. Kh.; Nuritdinova, Kh. V.; Zel'tser, S. Sh.; Madaminova, L. M.
CORPORATE SOURCE: Inst. Eksp. Biol. Rast., USSR
SOURCE: Uzbekskii Biologicheskii Zhurnal (1958-199?) (1989), (3), 6-8
CODEN: UZBZAZ; ISSN: 0042-1685
DOCUMENT TYPE: Journal
LANGUAGE: Russian

L2 ANSWER 119 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1989:628910 CAPLUS
DOCUMENT NUMBER: 111:228910
TITLE: Enzymic hydrolysis of gibberellin conjugates
AUTHOR(S): Schliemann, W.
CORPORATE SOURCE: Inst. Plant Biochem., Acad. Sci. GDR, Halle/Saale,

Ger. Dem. Rep.
SOURCE: Conjugated Plant Horm., Proc. Int. Symp. (1987), Meeting Date 1986, 191-8. Editor(s): Schreiber, K.; Schuette, H. R.; Sembdner, G. Dtsch. Verlag Wiss.: Berlin, Ger. Dem. Rep.
CODEN: 56PYAG
DOCUMENT TYPE: Conference; General Review
LANGUAGE: English

L2 ANSWER 120 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1989:628130 CAPLUS
DOCUMENT NUMBER: 111:228130
TITLE: Contrast enhancing agents for magnetic resonance images
INVENTOR(S): Gibby, Wendell A.
PATENT ASSIGNEE(S): USA
SOURCE: U.S., 5 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4822594	A	19890418	US 1987-7289	19870127 <--
US 4933441	A	19900612	US 1989-339143	19890417 <--

PRIORITY APPLN. INFO.: US 1987-7289 A2 19870127
OTHER SOURCE(S): MARPAT 111:228130

L2 ANSWER 121 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1989:530829 CAPLUS
DOCUMENT NUMBER: 111:130829
TITLE: Differential bentazon metabolism and retention of bentazon metabolites by plant cell cultures
AUTHOR(S): Sterling, Tracy M.; Balke, Nelson E.
CORPORATE SOURCE: Dep. Agron., Univ. Wisconsin, Madison, WI, 53706, USA
SOURCE: Pesticide Biochemistry and Physiology (1989), 34(1), 39-48
CODEN: PCBPBS; ISSN: 0048-3575
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 122 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1989:227047 CAPLUS
DOCUMENT NUMBER: 110:227047
TITLE: Metsulfuron methyl
AUTHOR(S): Hershberger, L. W.; Brennan, D. E.
CORPORATE SOURCE: Agric. Prod. Dep., E. I. du Pont de Nemours and Co., Wilmington, DE, 19898, USA
SOURCE: Analytical Methods for Pesticides and Plant Growth Regulators (1988), 16, 83-103
CODEN: AMPPC4; ISSN: 0091-7486
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 123 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1989:54133 CAPLUS
DOCUMENT NUMBER: 110:54133
TITLE: A method for ascertaining the history of a condition of the body from a single blood sample by comparing hemoglobin and glycohemoglobins of individual blood cells
INVENTOR(S): Saunders, Alexander M.
PATENT ASSIGNEE(S): USA

SOURCE: PCT Int. Appl., 38 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 8802782	A1	19880421	WO 1987-US2626	19871014 <--
W: JP				
RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
US 4835097	A	19890530	US 1986-918934	19861015 <--
EP 329682	A1	19890830	EP 1987-907193	19871014 <--
EP 329682	B1	19940309		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
JP 02500463	T	19900215	JP 1987-506601	19871014 <--
AT 102656	T	19940315	AT 1987-907193	19871014 <--
CA 1340365	C	19990202	CA 1989-593958	19890316 <--

PRIORITY APPLN. INFO.:

US 1986-918934	A	19861015
EP 1987-907193	A	19871014
WO 1987-US2626	W	19871014

L2 ANSWER 124 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1989:53634 CAPLUS
DOCUMENT NUMBER: 110:53634
TITLE: Sucrose 6-α-D-glucosyltransferase from Streptococcus sobrinus: characterization of a glucosyl-enzyme complex
AUTHOR(S): Mooser, Gregory; Iwaoka, Ken R.
CORPORATE SOURCE: Sch. Dent., Univ. South. California, Los Angeles, CA, 90089, USA
SOURCE: Biochemistry (1989), 28(2), 443-9
CODEN: BICHAW; ISSN: 0006-2960
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 125 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1989:8662 CAPLUS
DOCUMENT NUMBER: 110:8662
TITLE: Synthesis and biological activity of [Leu5]enkephalin derivatives containing D-glucose
AUTHOR(S): Horvat, J.; Horvat, S.; Lemieux, C.; Schiller, P. W.
CORPORATE SOURCE: Dep. Org. Chem. Biochem., "Rudjer Boskovic" Inst., Zagreb, 41001, Yugoslavia
SOURCE: International Journal of Peptide & Protein Research (1988), 31(5), 499-507
CODEN: IJPPC3; ISSN: 0367-8377
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 110:8662

L2 ANSWER 126 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1989:4743 CAPLUS
DOCUMENT NUMBER: 110:4743
TITLE: Conjugates of the 1',4'-diols of abscisic acid with glucose
AUTHOR(S): Vaughan, G. T.; Milborrow, B. V.
CORPORATE SOURCE: Sch. Biochem., Univ. N.S.W., Kensington, 2033, Australia
SOURCE: Phytochemistry (1988), 27(8), 2441-6
CODEN: PYTCAS; ISSN: 0031-9422
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 127 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1988:626282 CAPLUS
DOCUMENT NUMBER: 109:226282
TITLE: Monoclonal antibodies to unreduced, nonenzymically-glycated proteins, their preparation, and their use in immunoassays
INVENTOR(S): Tarsio, Joseph F.; Furcht, Leo T.
PATENT ASSIGNEE(S): University of Minnesota, USA
SOURCE: PCT Int. Appl., 36 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 8800346	A1	19880114	WO 1987-US1419	19870617 <--
W: AU, JP				
RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
US 4797473	A	19890110	US 1986-878420	19860625 <--
AU 8776437	A	19880129	AU 1987-76437	19870617 <--
AU 606605	B2	19910214		
EP 312540	A1	19890426	EP 1987-904435	19870617 <--
EP 312540	B1	19930324		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
JP 02500004	T	19900111	JP 1987-504085	19870617 <--
JP 2540179	B2	19961002		
AT 87368	T	19930415	AT 1987-904435	19870617 <--
CA 1290266	C	19911008	CA 1987-540370	19870623 <--
ZA 8704558	A	19881026	ZA 1987-4558	19870624 <--

PRIORITY APPLN. INFO.:

US 1986-878420	A	19860625
EP 1987-904435	A	19870617
WO 1987-US1419	A	19870617

L2 ANSWER 128 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1988:586791 CAPLUS
DOCUMENT NUMBER: 109:186791
TITLE: High-performance liquid chromatographic determination of glucosides (glucose conjugates) with post-column reaction detection combining immobilized enzyme reactors and luminol chemiluminescence
AUTHOR(S): Koerner, Philip J., Jr.; Nieman, Timothy A.
CORPORATE SOURCE: Dep. Chem., Univ. Illinois, Urbana, IL, 61801, USA
SOURCE: Journal of Chromatography (1988), 449(1), 217-28
CODEN: JOCRAM; ISSN: 0021-9673
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 129 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1988:469933 CAPLUS
DOCUMENT NUMBER: 109:69933
TITLE: An enzymic method for determination of creatinine, and isolation and preparation of an enzyme for this purpose
INVENTOR(S): Sholz, Bernhard; Ebeling, Wolfgang; Vormbrock, Rolf; Helger, Roland; Metz, Harald; Bruemmer, Wolfgang; Linxweiler, Winfried; Linxweiler, Winfried Dr
PATENT ASSIGNEE(S): Merck Patent G.m.b.H., Fed. Rep. Ger.
SOURCE: Ger. Offen., 6 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE	
DE 3703315	A1	19880107	DE 1987-3703315		19870204	<--
EP 252368	A2	19880113	EP 1987-109063		19870624	<--
R: BE, CH, DE, FR, GB, IT, LI, NL, SE						
JP 63039578	A	19880220	JP 1987-165592		19870703	<--
ZA 8704859	A	19880330	ZA 1987-4859		19870703	<--
PRIORITY APPLN. INFO.:			DE 1986-3622620	A1	19860705	
			DE 1987-3703315	A	19870204	

L2 ANSWER 130 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1988:402797 CAPLUS
DOCUMENT NUMBER: 109:2797
TITLE: β-Glucosidase with gibberellin A8-2-O-glucoside hydrolyzing activity from pods of runner beans
AUTHOR(S): Schliemann, Willibald
CORPORATE SOURCE: Inst. Plant Biochem., Ger. Acad. Sci., Halle/Saale, 4050, Ger. Dem. Rep.
SOURCE: Phytochemistry (1988), 27(3), 689-92
CODEN: PYTCAS; ISSN: 0031-9422
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 131 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1988:202140 CAPLUS
DOCUMENT NUMBER: 108:202140
TITLE: Lectin-binding histochemistry of intracellular and extracellular glycoconjugates of the reserve cell zone of growth plate cartilage
AUTHOR(S): Farnum, Cornelia E.; Wilsman, Norman J.
CORPORATE SOURCE: Coll. Vet. Med., Cornell Univ., Ithaca, NY, 14853, USA
SOURCE: Journal of Orthopaedic Research (1988), 6(2), 166-79
CODEN: JOREDR; ISSN: 0736-0266
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 132 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1988:129084 CAPLUS
DOCUMENT NUMBER: 108:129084
TITLE: Microsomal specificity underlying the differing hepatic formation of bilirubin glucuronide and glucose conjugates by rat and dog
AUTHOR(S): Sommerer, Ursula; Gordon, Ellen R.; Goresky, Carl A.
CORPORATE SOURCE: Montreal Gen. Hosp., McGill Univ. Med. Clin., Montreal, QC, H3G 1A4, Can.
SOURCE: Hepatology (Philadelphia, PA, United States) (1988), 8(1), 116-24
CODEN: HPTLD9; ISSN: 0270-9139
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 133 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1988:70555 CAPLUS
DOCUMENT NUMBER: 108:70555
TITLE: Fate and metabolism of dichlorprop in cereals and field grass
AUTHOR(S): Goedicke, H. J.; Banasiak, U.
CORPORATE SOURCE: Inst. Plant Prot. Res., Acad. Agric. Sci., Kleinmachnow, DDR-1532, Ger. Dem. Rep.
SOURCE: Archives of Environmental Contamination and Toxicology (1988), 17(1), 81-5

CODEN: AECTCV; ISSN: 0090-4341
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 134 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1988:48613 CAPLUS
DOCUMENT NUMBER: 108:48613
TITLE: High-performance liquid chromatographic determination of the diastereomers of 1-(β-D-glucopyranosyl)amobarbital in urine
AUTHOR(S): Soine, Phyllis J.; Soine, William H.
CORPORATE SOURCE: Chem. Dep., Randolph-Macon Coll., Ashland, VA, 23005, USA
SOURCE: Journal of Chromatography (1987), 422, 309-14
CODEN: JOCRAM; ISSN: 0021-9673
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 135 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1988:3891 CAPLUS
DOCUMENT NUMBER: 108:3891
TITLE: Characterization of small intestine glycoconjugates by lectins in the elderly
AUTHOR(S): Bonvicini, F.; Gasbarrini, G.; Bianchi, D.; Maltarello, M. C.; Laschi, R.
CORPORATE SOURCE: Univ. Bologna, Bologna, 40138, Italy
SOURCE: Topics in Aging Research in Europe (1986), 10(Nutr. Metab. Aspects Aging), 71-8
CODEN: TAEUEN; ISSN: 0168-7190
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 136 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1987:568182 CAPLUS
DOCUMENT NUMBER: 107:168182
TITLE: Formation of a diazonium cation intermediate in the metabolism of sulfamethazine to desaminosulfamethazine in the rat
AUTHOR(S): Paulson, G. D.; Feil, V. J.; MacGregor, J. T.
CORPORATE SOURCE: Metab. Radiat. Res. Lab., Agric. Res. Serv., Fargo, ND, 58105, USA
SOURCE: Xenobiotica (1987), 17(6), 697-707
CODEN: XENOBH; ISSN: 0049-8254
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 137 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1987:546752 CAPLUS
DOCUMENT NUMBER: 107:146752
TITLE: Disposition and metabolism of indeloxazine hydrochloride, a cerebral activator, in rats
AUTHOR(S): Kamimura, H.; Enjoji, Y.; Sasaki, H.; Kawai, R.; Kaniwa, H.; Niigata, K.; Kageyama, S.
CORPORATE SOURCE: Drug Metab. Dep., Yamanouchi Pharm. Co., Ltd., Tokyo, 174, Japan
SOURCE: Xenobiotica (1987), 17(6), 645-58
CODEN: XENOBH; ISSN: 0049-8254
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 138 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1987:135809 CAPLUS
DOCUMENT NUMBER: 106:135809
TITLE: On the concanavalin A positive layer on the skeletal

muscle fiber
AUTHOR(S): Ovcharov, V.; Khristova, T.; Ichev, K.; Daskalova, R.
CORPORATE SOURCE: Dep. Anat. Histol. Embryol., Acad. Med., Sofia, BG-1431, Bulg.
SOURCE: Acta Histochemica (1987), 81(2), 163-9
CODEN: AHISA9; ISSN: 0065-1281
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 139 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1987:116959 CAPLUS
DOCUMENT NUMBER: 106:116959
TITLE: Glycoconjugates of the tectorial membrane
AUTHOR(S): Khalkhali-Ellis, Zhila; Hemming, Frank W.; Steel, Karen P.
CORPORATE SOURCE: Med. Sch., Univ. Nottingham, Nottingham, UK
SOURCE: Hearing Research (1987), 25(2-3), 185-91
CODEN: HERED3; ISSN: 0378-5955
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 140 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1987:99975 CAPLUS
DOCUMENT NUMBER: 106:99975
TITLE: Light-microscopic studies on spatial and temporal binding of the lectins concanavalin A, wheat-germ agglutinin and peanut agglutinin in early rat odontogenesis
AUTHOR(S): Blottner, D.; Lindner, E.
CORPORATE SOURCE: Inst. Anat., Univ. Regensburg, Regensburg, D-8400, Fed. Rep. Ger.
SOURCE: Archives of Oral Biology (1987), 32(1), 35-42
CODEN: AOBIAR; ISSN: 0003-9969
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 141 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1987:27344 CAPLUS
DOCUMENT NUMBER: 106:27344
TITLE: Hopantenic acid β-glucoside as a new urinary metabolite of calcium hopantenate in dogs
AUTHOR(S): Nakano, Kozaburo; Ando, Hidehiro; Sugawara, Yoichi; Ohashi, Motoaki; Harigaya, Shoichi
CORPORATE SOURCE: Biol. Res. Lab., Tanabe Seiyaku Co., Ltd., Kawagishi, 335, Japan
SOURCE: Drug Metabolism and Disposition (1986), 14(6), 740-5
CODEN: DMDSAI; ISSN: 0090-9556
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 142 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1986:551618 CAPLUS
DOCUMENT NUMBER: 105:151618
TITLE: Analysis of chlorsulfuron and metabolite A in green wheat forage by HPLC with a photoconductivity detector
AUTHOR(S): Zahnow, Edward W.
CORPORATE SOURCE: Res. Div., E. I. du Pont de Nemours and Co., Inc., Wilmington, DE, 19898, USA
SOURCE: LC-GC (1986), 4(7), 644-51
CODEN: LCGCE7; ISSN: 0888-9090
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 143 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1986:532641 CAPLUS
DOCUMENT NUMBER: 105:132641
TITLE: Determination of pyridoxine β-glucoside bioavailability using intrinsic and extrinsic labeling in the rat
AUTHOR(S): Ink, Steven L.; Gregory, Jesse F., III; Sartain, Doris B.
CORPORATE SOURCE: Food Sci. Hum. Nutr. Dep., Univ. Florida, Gainesville, FL, 32611, USA
SOURCE: Journal of Agricultural and Food Chemistry (1986), 34(5), 857-62
CODEN: JAFCAU; ISSN: 0021-8561
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 144 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1986:476374 CAPLUS
DOCUMENT NUMBER: 105:76374
TITLE: Metabolism of ecdysteroids during the embryogenesis of Manduca sexta
AUTHOR(S): Warren, J. T.; Steiner, B.; Dorn, A.; Pak, M.; Gilbert, L. I.
CORPORATE SOURCE: Dep. Biol., Univ. North Carolina, Chapel Hill, NC, 27514, USA
SOURCE: Journal of Liquid Chromatography (1986), 9(8), 1759-82
CODEN: JLCHD8; ISSN: 0148-3919
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 145 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1986:199521 CAPLUS
DOCUMENT NUMBER: 104:199521
TITLE: Depletion kinetics of 14C-sulfamethazine {4-amino-N-(4,6-dimethyl-2-pyrimidinyl)benzene[U-14C]sulfonamide} metabolism in swine
AUTHOR(S): Mitchell, A. D.; Paulson, G. D.
CORPORATE SOURCE: Dep. Anim. Sci., North Dakota State Univ., Fargo, ND, 58105, USA
SOURCE: Drug Metabolism and Disposition (1986), 14(2), 161-5
CODEN: DMDSAI; ISSN: 0090-9556
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 146 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1986:199520 CAPLUS
DOCUMENT NUMBER: 104:199520
TITLE: Steady state kinetics of 14C-sulfamethazine {4-amino-N-(4,6-dimethyl-2-pyrimidinyl)benzene[U-14C]sulfonamide} metabolism in swine
AUTHOR(S): Mitchell, A. D.; Paulson, G. D.; Zaylskie, R. G.
CORPORATE SOURCE: Dep. Anim. Sci., North Dakota State Univ., Fargo, ND, 58105, USA
SOURCE: Drug Metabolism and Disposition (1986), 14(2), 155-60
CODEN: DMDSAI; ISSN: 0090-9556
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 147 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1985:593119 CAPLUS
DOCUMENT NUMBER: 103:193119
TITLE: Distribution of gibberellin glucosyl conjugates in the

plant kingdom
AUTHOR(S): Murakami, Yutaka
CORPORATE SOURCE: Natl. Inst. Agrobiol. Resour., Tsukuba, Japan
SOURCE: Shokubutsu no Kagaku Chosetsu (1985), 20(1), 1-11
CODEN: SKACD7; ISSN: 0388-9130
DOCUMENT TYPE: Journal; General Review
LANGUAGE: Japanese

L2 ANSWER 148 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1985:577034 CAPLUS
DOCUMENT NUMBER: 103:177034
TITLE: Identification and quantitation of sulfamethazine metabolites by liquid chromatography and gas chromatography-mass spectrometry
AUTHOR(S): Paulson, Gaylord D.; Mitchell, Alva D.; Zaylskie, Richard G.
CORPORATE SOURCE: Metab. Radiat. Res. Lab., U. S. Dep. Agric., Fargo, ND, 58105, USA
SOURCE: Journal - Association of Official Analytical Chemists (1985), 68(5), 1000-6
CODEN: JANCA2; ISSN: 0004-5756
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 149 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1985:555769 CAPLUS
DOCUMENT NUMBER: 103:155769
TITLE: Metabolism of the synthetic pyrethroid fenpropathrin in plants
AUTHOR(S): Mikami, Nobuyoshi; Baba, Yoshiko; Katagi, Toshiyuki; Miyamoto, Junshi
CORPORATE SOURCE: Takarazuka Res. Cent., Sumitomo Chem. Co., Ltd., Hyogo, 665, Japan
SOURCE: Journal of Agricultural and Food Chemistry (1985), 33(5), 980-7
CODEN: JAFCAU; ISSN: 0021-8561
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 150 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1985:402065 CAPLUS
DOCUMENT NUMBER: 103:2065
TITLE: Residual behavior and metabolism of dichlorprop in cereals
AUTHOR(S): Banasiak, U.; Binner, R.; Franke, G.; Goedicke, H. J.; Gruendel, D.; Schuette, H. R.
CORPORATE SOURCE: Inst. Pflanzenschutzforsch., Akad. Landwirtschaftswiss. DDR, Kleinmachnow, Ger. Dem. Rep.
SOURCE: Nahrung (1985), 29(4), 357-67
CODEN: NAHRAR; ISSN: 0027-769X
DOCUMENT TYPE: Journal
LANGUAGE: German

L2 ANSWER 151 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1985:401801 CAPLUS
DOCUMENT NUMBER: 103:1801
TITLE: Metabolism in rats of 3-phenoxybenzyl alcohol and 3-phenoxybenzoic acid glycoside conjugates formed in plants
AUTHOR(S): Mikami, Nobuyoshi; Yoshimura, Jun; Kaneko, Hideo; Yamada, Hirohiko; Miyamoto, Junshi
CORPORATE SOURCE: Takarazuka Res. Cent., Sumitomo Chem. Co. Ltd., Takarazuka, 665, Japan
SOURCE: Pesticide Science (1985), 16(1), 33-45

CODEN: PSSCBG; ISSN: 0031-613X
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 152 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1985:1924 CAPLUS
DOCUMENT NUMBER: 102:1924
TITLE: Metabolism of the insecticide Baythroid by cell suspension cultures
AUTHOR(S): Preiss, U.; Wagner, K.; Oehlmann, L.; Engelhardt, G.; Wallnoefer, P.
CORPORATE SOURCE: Bayer. Landesanst. Ernaehr., Munich, D-8000/19, Fed. Rep. Ger.
SOURCE: Chemosphere (1984), 13(8), 861-72
CODEN: CMSHAF; ISSN: 0045-6535
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 153 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1984:609272 CAPLUS
DOCUMENT NUMBER: 101:209272
TITLE: A study of the absorption, excretion, metabolism, and residues in tissues in rats fed carbon-14-labeled sulfamethazine
AUTHOR(S): Zulalian, Jack; Stout, Steve J.; Babcock, Clarence N.; Lucas, Lynne M.; Miller, Phillip; Orloski, Edward J.
CORPORATE SOURCE: Metab. Lab., American Cyanamid Co., Princeton, NJ, 08540, USA
SOURCE: Journal of Agricultural and Food Chemistry (1984), 32(6), 1434-40
CODEN: JAFCAU; ISSN: 0021-8561
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 154 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1984:81129 CAPLUS
DOCUMENT NUMBER: 100:81129
TITLE: Acifluorfen metabolism in soybean: diphenyl ether bond cleavage and the formation of homoglutathione, cysteine, and glucose conjugates
AUTHOR(S): Frear, D. S.; Swanson, H. R.; Mansager, E. R.
CORPORATE SOURCE: Metab. Radiat. Res. Lab., Agric. Res. Serv., Fargo, ND, 58105, USA
SOURCE: Pesticide Biochemistry and Physiology (1983), 20(3), 299-310
CODEN: PCBPBS; ISSN: 0048-3575
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 155 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1983:2794 CAPLUS
DOCUMENT NUMBER: 98:2794
TITLE: Time course of the metabolism of abscisic acid and its trans-trans isomer in cell suspension cultures of Lycopersicon peruvianum
AUTHOR(S): Lehmann, Hanno; Vlasov, P. V.
CORPORATE SOURCE: Inst. Plant Biochem., Acad. Sci. GDR, Halle/Saale, DDR-4010, Ger. Dem. Rep.
SOURCE: Biochemie und Physiologie der Pflanzen (1982), 177(4-5), 387-94
CODEN: BPPFA4; ISSN: 0015-3796
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 156 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1982:488863 CAPLUS
DOCUMENT NUMBER: 97:88863
TITLE: Development of 1-O-sinapoyl-β-D-glucose:L-malate sinapoyltransferase activity in cotyledons of red radish (Raphanus sativus L. var sativus)
AUTHOR(S): Strack, Dieter
CORPORATE SOURCE: Bot. Inst., Univ. Koeln, Cologne, D-5000/41, Fed. Rep. Ger.
SOURCE: Planta (1982), 155(1), 31-6
CODEN: PLANAB; ISSN: 0032-0935
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 157 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1982:102644 CAPLUS
DOCUMENT NUMBER: 96:102644
TITLE: Isolation and identification of a polar sulfamethazine metabolite from swine tissue
AUTHOR(S): Giera, Deborah D.; Abdulla, Riaz F.; Occolowitz, John L.; Dorman, Douglas E.; Mertz, James L.; Sieck, Robert F.
CORPORATE SOURCE: Dep. Agric. Biochem., Lilly Res. Lab., Greenfield, IN, 46140, USA
SOURCE: Journal of Agricultural and Food Chemistry (1982), 30(2), 260-3
CODEN: JAFCAU; ISSN: 0021-8561
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 158 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1981:202410 CAPLUS
DOCUMENT NUMBER: 94:202410
TITLE: The isolation and identification of 14C-sulfamethazine {4-amino-N-(4,6-dimethyl-2-pyrimidinyl)[14C]benzenesulfonamide} metabolites in the tissues and excreta of swine
AUTHOR(S): Paulson, G. D.; Giddings, J. M.; Lamoureux, C. H.; Mansager, E. R.; Struble, C. B.
CORPORATE SOURCE: Metab. Radiat. Res. Lab., Sci. Educ. Adm., Fargo, ND, 58105, USA
SOURCE: Drug Metabolism and Disposition (1981), 9(2), 142-6
CODEN: DMDSAI; ISSN: 0090-9556
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 159 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1980:489788 CAPLUS
DOCUMENT NUMBER: 93:89788
TITLE: In vitro rumen metabolism of carbon-14-labeled oxamyl and selected metabolites of oxamyl
AUTHOR(S): Belasco, Irvin J.; Harvey, John, Jr.
CORPORATE SOURCE: Biochem. Dep., E. I. du Pont de Nemours and Co., Inc., Wilmington, DE, 19898, USA
SOURCE: Journal of Agricultural and Food Chemistry (1980), 28(4), 689-92
CODEN: JAFCAU; ISSN: 0021-8561
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 160 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1980:422729 CAPLUS
DOCUMENT NUMBER: 93:22729
TITLE: Endogenous hormones in afterripening wild oat (Avena fatua) seed

AUTHOR(S): Taylor, J. S.; Simpson, G. M.
CORPORATE SOURCE: Crop Sci. Dep., Univ. Saskatchewan, Saskatoon, SK, S7N 0W0, Can.
SOURCE: Canadian Journal of Botany (1980), 58(9), 1016-24
CODEN: CJBOAW; ISSN: 0008-4026
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 161 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1980:209927 CAPLUS
DOCUMENT NUMBER: 92:209927
TITLE: Detoxification of jojoba meal
AUTHOR(S): Verbiscar, Anthony J.; Banigan, Thomas F.; Weber, Charles W.; Reid, B. L.; Trei, John E.; Nelson, Edward A.; Raffauf, Robert F.; Kosersky, Donald
CORPORATE SOURCE: Anver Biosci. Des., Inc., Sierra Madre, CA, 91024, USA
SOURCE: Journal of Agricultural and Food Chemistry (1980), 28(3), 571-8
CODEN: JAFCAU; ISSN: 0021-8561
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 162 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1980:160604 CAPLUS
DOCUMENT NUMBER: 92:160604
TITLE: Plants metabolize ethylene to ethylene glycol
AUTHOR(S): Blomstrom, Dale C.; Beyer, Elmo M., Jr.
CORPORATE SOURCE: Cent. Res. Dev. Dep., E. I. du Pont de Nemours and Co., Wilmington, DE, 19898, USA
SOURCE: Nature (London, United Kingdom) (1980), 283(5742), 66-8
CODEN: NATUAS; ISSN: 0028-0836
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 163 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1979:97269 CAPLUS
DOCUMENT NUMBER: 90:97269
TITLE: Distinctive patterns of amobarbital metabolites
AUTHOR(S): Kalow, W.; Tang, B. K.; Kadar, D.; Inaba, T.
CORPORATE SOURCE: Dep. Pharmacol., Univ. Toronto, Toronto, ON, Can.
SOURCE: Clinical Pharmacology & Therapeutics (St. Louis, MO, United States) (1978), 24(5), 576-82
CODEN: CLPTAT; ISSN: 0009-9236
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 164 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1979:49484 CAPLUS
DOCUMENT NUMBER: 90:49484
TITLE: The metabolism of the herbicide diphenamid (N-N-dimethyl-2,2-diphenyl-acetamide) in cell suspensions of soybean (Glycine max)
AUTHOR(S): Davis, D. G.; Hodgson, R. H.; Dusbabek, K. E.; Hoffer, B. L.
CORPORATE SOURCE: Metab. Radiat. Res. Lab., Sci. Educ. Adm., Fargo, ND, USA
SOURCE: Physiologia Plantarum (1978), 44(2), 87-91
CODEN: PHPLAI; ISSN: 0031-9317
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 165 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1979:34842 CAPLUS

DOCUMENT NUMBER: 90:34842
TITLE: Comparative experiments about biotransformation of xenobiotics in cell suspension cultures and whole plants of Agrostemma githago and Datura innoxia
AUTHOR(S): Schuette, H. R.; Stock, M.
CORPORATE SOURCE: Inst. Plant Biochem., Ger. Acad. Sci., Halle/Saale, Ger. Dem. Rep.
SOURCE: International Congress Series (1978), 440(Ind. Environ. Xenobiotics), 225-6
CODEN: EXMDA4; ISSN: 0531-5131
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 166 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1977:546934 CAPLUS
DOCUMENT NUMBER: 87:146934
TITLE: Metabolism and distribution of cyclohexanecarboxylic acid, a plant growth stimulant, in bush bean
AUTHOR(S): Padmanabhan, Usha; Wort, D. James
CORPORATE SOURCE: Dep. Bot., Univ. British Columbia, Vancouver, BC, Can.
SOURCE: Plant Physiology (1977), 60(1), 22-5
CODEN: PLPHAY; ISSN: 0032-0889
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 167 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1977:546670 CAPLUS
DOCUMENT NUMBER: 87:146670
TITLE: Metabolism of Cytrolane systemic insecticide (mephosfolan), propylene (diethoxyphosphinyl)dithioimidocarbonate, in cotton plants
AUTHOR(S): Zulalian, Jack; Blinn, Roger C.
CORPORATE SOURCE: Agric. Div., Am. Cyanamid Co., Princeton, NJ, USA
SOURCE: Journal of Agricultural and Food Chemistry (1977), 25(5), 1033-9
CODEN: JAFCAU; ISSN: 0021-8561
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 168 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1976:574060 CAPLUS
DOCUMENT NUMBER: 85:174060
TITLE: Formation of N-(2-amino-1,2-dicyanoethylenyl)-β-D-glucopyranosylamine in the acidic culture medium containing diaminomaleonitrile and D-glucose
AUTHOR(S): Kuwahara, Masaaki; Ohchi, Mikiko; Koh, Hen-Sik
CORPORATE SOURCE: Dep. Food Sci., Kagawa Univ., Kagawa, Japan
SOURCE: Agricultural and Biological Chemistry (1976), 40(9), 1889-90
CODEN: ABCHA6; ISSN: 0002-1369
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 169 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1976:99465 CAPLUS
DOCUMENT NUMBER: 84:99465
TITLE: Various bilirubin conjugates in pregnant and nonpregnant rats with and without phenobarbital treatment
AUTHOR(S): Vaisman, Sergio L.; Lee, Kwang S.; Gartner, Lawrence M.
CORPORATE SOURCE: Rose F. Kennedy Cent. Res. Ment. Retard. Hum. Dev., Albert Einstein Coll. Med., Bronx, NY, USA
SOURCE: Pediatric Research (1976), 10(2), 111-13
CODEN: PEREBL; ISSN: 0031-3998

DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 170 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1975:52577 CAPLUS
DOCUMENT NUMBER: 82:52577
TITLE: Differential absorption, translocation, and metabolism of metribuzin [4-amino-6-tert-butyl-3-(methylthio)-as-triazine-5(4H)one] by soybean cultivars
AUTHOR(S): Smith, A. E.; Wilkinson, R. E.
CORPORATE SOURCE: Coll. Agric., Univ. Georgia, Experiment, GA, USA
SOURCE: Physiologia Plantarum (1974), 32(3), 253-7
CODEN: PHPLAI; ISSN: 0031-9317
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 171 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1973:414363 CAPLUS
DOCUMENT NUMBER: 79:14363
TITLE: Influence of temperature on absorption, translocation, and metabolism of pyrazon in sugar beets
AUTHOR(S): Koren, Ephraim; Ashton, Floyd M.
CORPORATE SOURCE: Dep. Bot., Univ. California, Davis, CA, USA
SOURCE: Weed Science (1973), 21(3), 241-5
CODEN: WEESA6; ISSN: 0043-1745
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 172 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1972:32593 CAPLUS
DOCUMENT NUMBER: 76:32593
TITLE: Excretion in dog bile of glucose and xylose conjugates of bilirubin
AUTHOR(S): Fevery, J.; Van Hees, G. P.; Leroy, P.; Compernolle, F.; Heirwegh, K. P. M.
CORPORATE SOURCE: Rega Inst., Univ. Leuven, Louvain, Belg.
SOURCE: Biochemical Journal (1971), 125(3), 803-10
CODEN: BIJOAK; ISSN: 0264-6021
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 173 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1969:76683 CAPLUS
DOCUMENT NUMBER: 70:76683
TITLE: Bidrin insecticide
AUTHOR(S): Porter, Paul E.
CORPORATE SOURCE: Shell Develop. Co., Modesto, CA, USA
SOURCE: Anal. Methods Pestic., Plant Growth Regul., Food Additives (1967), 5, 213-33
CODEN: 18AXAA
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 174 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1966:20883 CAPLUS
DOCUMENT NUMBER: 64:20883
ORIGINAL REFERENCE NO.: 64:3897f-h
TITLE: Chlorogenic acid biosynthesis. Relation between the chemical structures of cinnamoyl and hydroxycinnamoyl conjugates and Rcg values from gradient chromatography
AUTHOR(S): Hanson, Kenneth R.
CORPORATE SOURCE: Connecticut Agr. Expt. Sta., New Haven, CT, USA
SOURCE: Biochemistry (1965), 4(12), 2731-5
CODEN: BICHAW; ISSN: 0006-2960
DOCUMENT TYPE: Journal

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LANGUAGE:                English

=> file medline
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
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FULL ESTIMATED COST                                       209.08     347.03

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 FILE LAST UPDATED: 7 Jul 2007 (20070707/UP).  FILE COVERS 1950 TO DATE.

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.

=> s "glucose conjugate" or "deoxyglucose conjugate" or "glucosamine conjugate"
        299490 "GLUCOSE"
           207 "GLUCOSES"
        299542 "GLUCOSE"
                 ("GLUCOSE" OR "GLUCOSES")
         24603 "CONJUGATE"
         19059 "CONJUGATES"
         38628 "CONJUGATE"
                 ("CONJUGATE" OR "CONJUGATES")
            65 "GLUCOSE CONJUGATE"
                 ("GLUCOSE"(W)"CONJUGATE")
         12576 "DEOXYGLUCOSE"
             5 "DEOXYGLUCOSES"
         12579 "DEOXYGLUCOSE"
                 ("DEOXYGLUCOSE" OR "DEOXYGLUCOSES")
         24603 "CONJUGATE"
         19059 "CONJUGATES"
         38628 "CONJUGATE"
                 ("CONJUGATE" OR "CONJUGATES")
             0 "DEOXYGLUCOSE CONJUGATE"
                 ("DEOXYGLUCOSE"(W)"CONJUGATE")
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            70 "GLUCOSAMINES"
         14528 "GLUCOSAMINE"
                 ("GLUCOSAMINE" OR "GLUCOSAMINES")
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         19059 "CONJUGATES"
         38628 "CONJUGATE"
                 ("CONJUGATE" OR "CONJUGATES")
             5 "GLUCOSAMINE CONJUGATE"
                 ("GLUCOSAMINE"(W)"CONJUGATE")
L8           69 "GLUCOSE CONJUGATE" OR "DEOXYGLUCOSE CONJUGATE" OR "GLUCOSAMINE
              CONJUGATE"

=> s l8 and py<=2003
      14572685 PY<=2003
                 (PY<=20039999)
L9           45 L8 AND PY<=2003

=> d l9 1-45

L9   ANSWER 1 OF 45     MEDLINE on STN
AN   2003390939     MEDLINE
DN   PubMed ID: 12926879
TI   Metabolism of fungicide diethofencarb in grape (Vitis vinifera L.):
     definitive identification of thiolactic acid conjugated metabolites.
```

AU Fujisawa Takuo; Ichise-Shibuya Keiko; Katagi Toshiyuki; Ruzo Luis O; Takimoto Yoshiyuki
CS Environmental Health Science Laboratory, Sumitomo Chemical Co., Ltd., 2-1, Takatsukasa 4-Chome, Takarazuka 665-8555, Japan.. fujisawat1@sc.sumitomo-chem.co.jp
SO Journal of agricultural and food chemistry, (2003 Aug 27) Vol. 51, No. 18, pp. 5329-36.
Journal code: 0374755. ISSN: 0021-8561.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200310
ED Entered STN: 21 Aug 2003
Last Updated on STN: 8 Oct 2003
Entered Medline: 6 Oct 2003

L9 ANSWER 2 OF 45 MEDLINE on STN
AN 2003222399 MEDLINE
DN PubMed ID: 10948220
TI Extracellular beta-glucosidase activity in barley involved in the hydrolysis of ABA glucose conjugate in leaves.
AU Dietz K J; Sauter A; Wichert K; Messdaghi D; Hartung W
CS Julius-von-Sachs-Institut fur Biowissenschaften, Universitat Wurzburg, Julius-von-Sachs-Platz 2, D-97082 Wurzburg, Germany.
SO Journal of experimental botany, (2000 May) Vol. 51, No. 346, pp. 937-44.
Journal code: 9882906. ISSN: 0022-0957.
CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
LA English
FS Priority Journals
EM 200308
ED Entered STN: 15 May 2003
Last Updated on STN: 7 Aug 2003
Entered Medline: 6 Aug 2003

L9 ANSWER 3 OF 45 MEDLINE on STN
AN 2002423310 MEDLINE
DN PubMed ID: 12179983
TI Profiling isoflavonoids found in legume root extracts using capillary electrophoresis.
AU Baggett Brandi R; Cooper John D; Hogan Eric T; Carper Jason; Paiva Nancy L; Smith Joel T
CS Department of Physical Sciences, Southeastern Oklahoma State University, P.O. Box 4025-Campus, Durant, OK 74701-0609, USA.
NC S06 GM08003-30 (NIGMS)
SO Electrophoresis, (2002 Jun) Vol. 23, No. 11, pp. 1642-51.
Journal code: 8204476. ISSN: 0173-0835.
CY Germany: Germany, Federal Republic of
DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
(RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)
LA English
FS Priority Journals
EM 200307
ED Entered STN: 16 Aug 2002
Last Updated on STN: 19 Jul 2003
Entered Medline: 18 Jul 2003

L9 ANSWER 4 OF 45 MEDLINE on STN
AN 2002313485 MEDLINE
DN PubMed ID: 12021639
TI Atypical pharmacokinetics and metabolism of mycophenolic acid in a young

kidney transplant recipient with impaired renal function.
AU Wigger Marianne; Armstrong Victor William; Shipkova Maria; Wacke Rainer; Nizze Horst; Streit Frank; von Ahsen Nicolas; Muscheites Jutta; Glasenapp Sabine; Stolpe Hans-Joachim; Oellerich Michael
CS Department for Pediatric Nephrology and Dialysis, University of Rostock, Rostock, Germany.
SO Therapeutic drug monitoring, (2002 Jun) Vol. 24, No. 3, pp. 438-43.
Journal code: 7909660. ISSN: 0163-4356.
CY United States
DT (CASE REPORTS)
Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200211
ED Entered STN: 12 Jun 2002
Last Updated on STN: 11 Dec 2002
Entered Medline: 14 Nov 2002

L9 ANSWER 5 OF 45 MEDLINE on STN
AN 2002272567 MEDLINE
DN PubMed ID: 12012244
TI 4-Hydroxycinnamoyl-CoA hydratase/lyase, an enzyme of phenylpropanoid cleavage from Pseudomonas, causes formation of C(6)-C(1) acid and alcohol glucose conjugates when expressed in hairy roots of Datura stramonium L.
AU Mitra Adinpunya; Mayer Melinda J; Mellon Fred A; Michael Anthony J; Narbad Arjan; Parr Adrian J; Waldron Keith W; Walton Nicholas J
CS Food Safety Science Division, Institute of Food Research, Norwich Resesrch Park, Colney, Norwich NR4 7UA, UK.
SO Planta, (2002 May) Vol. 215, No. 1, pp. 79-89. Electronic Publication: 2002-01-23.
Journal code: 1250576. ISSN: 0032-0935.
CY Germany: Germany, Federal Republic of
DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
LA English
FS Priority Journals
EM 200208
ED Entered STN: 16 May 2002
Last Updated on STN: 5 Jan 2003
Entered Medline: 23 Aug 2002

L9 ANSWER 6 OF 45 MEDLINE on STN
AN 2002172093 MEDLINE
DN PubMed ID: 11902934
TI Identification of fonofos metabolites in Latuca sativa, Beta vulgaris, and Triticum aestivum by packed capillary flow fast atom bombardment tandem mass spectrometry.
AU Onisko Bruce C; Tambling Doug R; Gorder Greg W; Diaz David G; Ericson John L; Prisbylla Mike P; Spillner Chuck J
CS Syngenta, 1200 South 47th Street, Box 4023, Richmond, California 94804-0023, USA.. onibid@earthlink.com
SO Journal of agricultural and food chemistry, (2002 Mar 27) Vol. 50, No. 7, pp. 1922-8.
Journal code: 0374755. ISSN: 0021-8561.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200205
ED Entered STN: 21 Mar 2002
Last Updated on STN: 18 May 2002
Entered Medline: 17 May 2002

L9 ANSWER 7 OF 45 MEDLINE on STN
AN 2001376621 MEDLINE
DN PubMed ID: 11433402
TI Inactivation of O(6)-methylguanine-DNA methyltransferase by glucose-conjugated inhibitors.
AU Reinhard J; Eichhorn U; Wiessler M; Kaina B
CS Division of Molecular Toxicology, German Cancer Research Center, Heidelberg, Germany.
SO International journal of cancer. Journal international du cancer, (2001 Aug 1) Vol. 93, No. 3, pp. 373-9.
Journal code: 0042124. ISSN: 0020-7136.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
LA English
FS Priority Journals
EM 200107
ED Entered STN: 30 Jul 2001
Last Updated on STN: 30 Jul 2001
Entered Medline: 26 Jul 2001

L9 ANSWER 8 OF 45 MEDLINE on STN
AN 2000193526 MEDLINE
DN PubMed ID: 10727634
TI Systemically administered D-glucose conjugates of 7-chlorokynurenic acid are centrally available and exert anticonvulsant activity in rodents.
AU Battaglia G; La Russa M; Bruno V; Arenare L; Ippolito R; Copani A; Bonina F; Nicoletti F
CS I.N.M. Neuromed, Pozilli, Italy.
SO Brain research, (2000 Mar 31) Vol. 860, No. 1-2, pp. 149-56.
Journal code: 0045503. ISSN: 0006-8993.
CY Netherlands
DT (COMPARATIVE STUDY)
Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200006
ED Entered STN: 22 Jun 2000
Last Updated on STN: 22 Jun 2000
Entered Medline: 15 Jun 2000

L9 ANSWER 9 OF 45 MEDLINE on STN
AN 2000191520 MEDLINE
DN PubMed ID: 10725098
TI Application to a cartilage targeting strategy: synthesis and in vivo biodistribution of (14)C-labeled quaternary ammonium-glucosamine conjugates.
AU Giraud I; Rapp M; Maurizis J C; Madelmont J C
CS INSERM Unite 484, Rue Montalembert, BP 184, 63005 Clermont-Ferrand Cedex, France.
SO Bioconjugate chemistry, (2000 Mar-Apr) Vol. 11, No. 2, pp. 212-8.
Journal code: 9010319. ISSN: 1043-1802.
CY United States
DT (COMPARATIVE STUDY)
Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
LA English
FS Priority Journals
EM 200005
ED Entered STN: 13 Jun 2000
Last Updated on STN: 13 Jun 2000
Entered Medline: 31 May 2000

L9 ANSWER 10 OF 45 MEDLINE on STN
AN 2000169229 MEDLINE
DN PubMed ID: 10702350
TI Changes in the metabolic elimination profile of testosterone following exposure of the crustacean Daphnia magna to tributyltin.
AU LeBlanc G A; McLachlan J B
CS Department of Toxicology, North Carolina State University, Raleigh, North Carolina 27695-7633, USA.. ga_leblanc@ncsu.edu
SO Ecotoxicology and environmental safety, (2000 Mar) Vol. 45, No. 3, pp. 296-303.
Journal code: 7805381. ISSN: 0147-6513.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, U.S. GOV'T, NON-P.H.S.)
LA English
FS Priority Journals
EM 200004
ED Entered STN: 21 Apr 2000
Last Updated on STN: 10 Dec 2002
Entered Medline: 12 Apr 2000

L9 ANSWER 11 OF 45 MEDLINE on STN
AN 1999408208 MEDLINE
DN PubMed ID: 10480331
TI Transport and recognition of aminopeptidase-resistant cellobiose-coupled tyrosylglycylglycine by intestinal Na+/glucose cotransporter (SGLT1): recognition of sugar conjugates by SGLT1 is much less restricted than transport.
AU Mizuma T; Sakai N; Hagi K; Awazu S
CS Department of Biopharmaceutics and Drug Rational Research Center, School of Pharmacy, Tokyo University of Pharmacy and Life Science, Hachioji, Japan.
SO Biological & pharmaceutical bulletin, (1999 Aug) Vol. 22, No. 8, pp. 876-9.
Journal code: 9311984. ISSN: 0918-6158.
CY Japan
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199910
ED Entered STN: 11 Jan 2000
Last Updated on STN: 11 Jan 2000
Entered Medline: 28 Oct 1999

L9 ANSWER 12 OF 45 MEDLINE on STN
AN 1999219728 MEDLINE
DN PubMed ID: 10204993
TI Identification of glucoside and carboxyl-linked glucuronide conjugates of mycophenolic acid in plasma of transplant recipients treated with mycophenolate mofetil.
AU Shipkova M; Armstrong V W; Wieland E; Niedmann P D; Schutz E; Brenner-Weiss G; Voihsel M; Braun F; Oellerich M
CS Abteilung Klinische Chemie, George-August-Universitat Gottingen, Germany.. ewieland@med.uni-goettingen.de
SO British journal of pharmacology, (1999 Mar) Vol. 126, No. 5, pp. 1075-82.
Journal code: 7502536. ISSN: 0007-1188.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
LA English
FS Priority Journals
EM 199906
ED Entered STN: 18 Jun 1999
Last Updated on STN: 18 Jun 1999

Entered Medline: 9 Jun 1999

L9 ANSWER 13 OF 45 MEDLINE on STN
AN 1999133780 MEDLINE
DN PubMed ID: 9950281
TI Intestinal absorption of acyclovir beta-glucoside: comparative study with acyclovir, guanosine, and kinetin beta-glucoside.
AU Mizuma T; Masubuchi S; Awazu S
CS Department of Biopharmaceutics and Drug Rational Research Center, School of Pharmacy, Tokyo University of Pharmacy and Life Sciences, Hachioji, Japan.
SO Pharmaceutical research, (1999 Jan) Vol. 16, No. 1, pp. 69-73.
Journal code: 8406521. ISSN: 0724-8741.
CY United States
DT (COMPARATIVE STUDY)
Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199904
ED Entered STN: 4 May 1999
Last Updated on STN: 4 May 1999
Entered Medline: 20 Apr 1999

L9 ANSWER 14 OF 45 MEDLINE on STN
AN 1998398332 MEDLINE
DN PubMed ID: 9729444
TI Factors that cause the beta-anomeric preference of Na+/glucose cotransporter for intestinal transport of monosaccharide conjugates.
AU Mizuma T; Nagamine Y; Dobashi A; Awazu S
CS Department of Biopharmaceutics, School of Pharmacy, Tokyo University of Pharmacy and Life Science, 1432-1 Horinouchi, Hachioji, Tokyo 192-03, Japan.
SO Biochimica et biophysica acta, (1998 Aug 24) Vol. 1381, No. 3, pp. 340-6.
Journal code: 0217513. ISSN: 0006-3002.
CY Netherlands
DT (COMPARATIVE STUDY)
Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
LA English
FS Priority Journals
EM 199810
ED Entered STN: 8 Oct 1998
Last Updated on STN: 8 Oct 1998
Entered Medline: 1 Oct 1998

L9 ANSWER 15 OF 45 MEDLINE on STN
AN 1998308588 MEDLINE
DN PubMed ID: 9644718
TI Intestinal metabolism and transport of alpha-disaccharide conjugates: the role of disaccharidase in the Na+/glucose cotransporter-mediated transport.
AU Mizuma T; Awazu S
CS Department of Biopharmaceutics, School of Pharmacy, Tokyo University of Pharmacy and Life Science (TUPLS), Japan.
SO Research communications in molecular pathology and pharmacology, (1998 Apr) Vol. 100, No. 1, pp. 43-52.
Journal code: 9437512. ISSN: 1078-0297.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199809
ED Entered STN: 25 Sep 1998
Last Updated on STN: 25 Sep 1998

Entered Medline: 16 Sep 1998

L9 ANSWER 16 OF 45 MEDLINE on STN
AN 1998127843 MEDLINE
DN PubMed ID: 9468325
TI Intestinal Na+/glucose cotransporter-mediated transport of glucose conjugate formed from disaccharide conjugate.
AU Mizuma T; Awazu S
CS Department of Biopharmaceutics, School of Pharmacy, Tokyo University of Pharmacy and Life Science, Hachioji, Japan.
SO Biochimica et biophysica acta, (1998 Jan 8) Vol. 1379, No. 1, pp. 1-6.
Journal code: 0217513. ISSN: 0006-3002.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199803
ED Entered STN: 26 Mar 1998
Last Updated on STN: 26 Mar 1998
Entered Medline: 18 Mar 1998

L9 ANSWER 17 OF 45 MEDLINE on STN
AN 1998095732 MEDLINE
DN PubMed ID: 9434289
TI Cellulase-catalyzed transglucosylation of acetaminophen and acyclovir: preparative enzymatic synthesis of beta-glucose conjugate.
AU Mizuma T; Masubuchi S; Awazu S
CS Department of Biopharmaceutics, Drug Rational Research Center School of Pharmacy, Tokyo University of Pharmacy and Life Science.
SO Pharmaceutical research, (1997 Nov) Vol. 14, No. 11, pp. 1647-50.
Journal code: 8406521. ISSN: 0724-8741.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199802
ED Entered STN: 26 Feb 1998
Last Updated on STN: 26 Feb 1998
Entered Medline: 19 Feb 1998

L9 ANSWER 18 OF 45 MEDLINE on STN
AN 1998074927 MEDLINE
DN PubMed ID: 9414116
TI Relative bioavailability of the antioxidant flavonoid quercetin from various foods in man.
AU Hollman P C; van Trijp J M; Buysman M N; van der Gaag M S; Mengelers M J; de Vries J H; Katan M B
CS DLO-State Institute for Quality Control of Agricultural Products (RIKILT-DLO), Wageningen, The Netherlands.. p.c.h.hollman@rikilt.dlo.nl
SO FEBS letters, (1997 Nov 24) Vol. 418, No. 1-2, pp. 152-6.
Journal code: 0155157. ISSN: 0014-5793.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
LA English
FS Priority Journals
EM 199801
ED Entered STN: 30 Jan 1998
Last Updated on STN: 30 Jan 1998
Entered Medline: 16 Jan 1998

L9 ANSWER 19 OF 45 MEDLINE on STN

AN 97048203 MEDLINE
DN PubMed ID: 8893039
TI Metabolism of 14C-sulphadimethoxane in swine.
AU Adams P E; Feil V J; Paulson G D
CS US Department of Agriculture, Agricultural Research Service, Biosciences Research Laboratory, Fargo, ND 58105, USA.
SO Xenobiotica; the fate of foreign compounds in biological systems, (1996 Sep) Vol. 26, No. 9, pp. 921-33.
Journal code: 1306665. ISSN: 0049-8254.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199702
ED Entered STN: 27 Feb 1997
Last Updated on STN: 27 Feb 1997
Entered Medline: 7 Feb 1997

L9 ANSWER 20 OF 45 MEDLINE on STN
AN 96261091 MEDLINE
DN PubMed ID: 8652115
TI Initial oxidative and subsequent conjugative metabolites produced during the metabolism of phenanthrene by fungi.
AU Casillas R P; Crow S A Jr; Heinze T M; Deck J; Cerniglia C E
CS Department of Biology, Georgia State University, Atlanta 30303, USA.
SO Journal of industrial microbiology, (1996 Apr) Vol. 16, No. 4, pp. 205-15.
Journal code: 8610887. ISSN: 0169-4146.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Biotechnology
EM 199607
ED Entered STN: 8 Aug 1996
Last Updated on STN: 8 Aug 1996
Entered Medline: 26 Jul 1996

L9 ANSWER 21 OF 45 MEDLINE on STN
AN 96226075 MEDLINE
DN PubMed ID: 8632770
TI Stimulation of Ca(2+)-dependent membrane currents in Xenopus oocytes by microinjection of pyrimidine nucleotide-glucose conjugates.
AU Kim H Y; Thomas D; Hanley M R
CS Department of Biological Chemistry, School of Medicine, University of California, Davis 95616-8635, USA.
SO Molecular pharmacology, (1996 Feb) Vol. 49, No. 2, pp. 360-4.
Journal code: 0035623. ISSN: 0026-895X.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
(RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)
LA English
FS Priority Journals
EM 199607
ED Entered STN: 15 Jul 1996
Last Updated on STN: 6 Feb 1998
Entered Medline: 3 Jul 1996

L9 ANSWER 22 OF 45 MEDLINE on STN
AN 95376044 MEDLINE
DN PubMed ID: 7648022
TI Metabolism of the Fusarium mycotoxins zearalenone and deoxynivalenol by yeast strains of technological relevance.
AU Boswald C; Engelhardt G; Vogel H; Wallnofer P R

CS Bayerische Landesanstalt fur Ernahrung, Abteilung Ernahrung, Munchen, Germany.
SO Natural toxins, (1995) Vol. 3, No. 3, pp. 138-44.
Journal code: 9212382. ISSN: 1056-9014.
CY United States
DT (COMPARATIVE STUDY)
Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199509
ED Entered STN: 5 Oct 1995
Last Updated on STN: 5 Oct 1995
Entered Medline: 28 Sep 1995

L9 ANSWER 23 OF 45 MEDLINE on STN
AN 94226760 MEDLINE
DN PubMed ID: 7513528
TI Microbial transformation of immunosuppressive compounds. III. Glucosylation of immunomycin (FR 900520) and FK 506 by Bacillus subtilis ATCC 55060.
AU Petuch B R; Arison B; Hsu A; Monaghan R; Dumont F J; Chen T S
CS Merck Research Laboratories, Rahway, NJ 07065.
SO Journal of industrial microbiology, (1994 Mar) Vol. 13, No. 2, pp. 131-5.
Journal code: 8610887. ISSN: 0169-4146.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Biotechnology
EM 199406
ED Entered STN: 9 Aug 1995
Last Updated on STN: 29 Jan 1996
Entered Medline: 6 Jun 1994

L9 ANSWER 24 OF 45 MEDLINE on STN
AN 94072002 MEDLINE
DN PubMed ID: 8250974
TI Absorption of N4-D-glucopyranosylsulphamethazine by rat everted intestinal sacs.
AU Wang Y; Grigg R; McCormack A; Symonds H; Bowmer C
CS Department of Pharmacology, University of Leeds, U.K.
SO Biochemical pharmacology, (1993 Nov 17) Vol. 46, No. 10, pp. 1864-6.
Journal code: 0101032. ISSN: 0006-2952.
CY ENGLAND: United Kingdom
DT (IN VITRO)
Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
LA English
FS Priority Journals
EM 199401
ED Entered STN: 1 Feb 1994
Last Updated on STN: 1 Feb 1994
Entered Medline: 4 Jan 1994

L9 ANSWER 25 OF 45 MEDLINE on STN
AN 92351725 MEDLINE
DN PubMed ID: 1642105
TI Developmental regulation of lectin-binding patterns in Paracentrotus lividus gonads, gametes, and early embryos.
AU Contini A; Falugi C; Fasulo S
CS Dipartimento di Biologia Animale ed Ecologia Marina, Universita, Messina, Italia.
SO Acta histochemica, (1992) Vol. 92, No. 2, pp. 179-89.
Journal code: 0370320. ISSN: 0065-1281.

CY GERMANY: Germany, Federal Republic of
DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
LA English
FS Priority Journals
EM 199209
ED Entered STN: 11 Sep 1992
Last Updated on STN: 3 Feb 1997
Entered Medline: 2 Sep 1992

L9 ANSWER 26 OF 45 MEDLINE on STN
AN 91168726 MEDLINE
DN PubMed ID: 1981704
TI Identification of urinary metabolites of cannabidiol in the dog.
AU Samara E; Bialer M; Harvey D J
CS Department of Pharmacology, Oxford University, UK.
NC DA04005 (NIDA)
SO Drug metabolism and disposition: the biological fate of chemicals, (1990 Sep-Oct) Vol. 18, No. 5, pp. 571-9.
Journal code: 9421550. ISSN: 0090-9556.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
(RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)
LA English
FS Priority Journals
EM 199104
ED Entered STN: 12 May 1991
Last Updated on STN: 3 Feb 1997
Entered Medline: 25 Apr 1991

L9 ANSWER 27 OF 45 MEDLINE on STN
AN 91160864 MEDLINE
DN PubMed ID: 2001792
TI Induction of HL-60 cell differentiation by water-soluble and nitrogen-containing conjugates of retinoic acid and retinol.
AU Janick-Buckner D; Barua A B; Olson J A
CS Department of Biochemistry and Biophysics, Iowa State University, Ames 50011.
NC DK-39733 (NIDDK)
SO The FASEB journal : official publication of the Federation of American Societies for Experimental Biology, (1991 Mar 1) Vol. 5, No. 3, pp. 320-5.
Journal code: 8804484. ISSN: 0892-6638.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)
LA English
FS Priority Journals
EM 199104
ED Entered STN: 5 May 1991
Last Updated on STN: 3 Feb 1997
Entered Medline: 15 Apr 1991

L9 ANSWER 28 OF 45 MEDLINE on STN
AN 90344220 MEDLINE
DN PubMed ID: 1369984
TI Functional protein-polysaccharide conjugate prepared by controlled dry-heating of ovalbumin-dextran mixtures.
AU Kato A; Sasaki Y; Furuta R; Kobayashi K
CS Department of Agricultural Chemistry, Faculty of Agriculture, Yamaguchi University, Japan.
SO Agricultural and biological chemistry, (1990 Jan) Vol. 54, No. 1, pp. 107-12.
Journal code: 0370452. ISSN: 0002-1369.

CY Japan
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Biotechnology
EM 199009
ED Entered STN: 9 Aug 1995
Last Updated on STN: 3 Feb 1997
Entered Medline: 17 Sep 1990

L9 ANSWER 29 OF 45 MEDLINE on STN
AN 90301664 MEDLINE
DN PubMed ID: 2362916
TI Stereochemical characterization of the diastereomers of the phenobarbital N-beta-D-glucose conjugate excreted in human urine.
AU Soine W H; Soine P J; Mongrain S E; England T M
CS Department of Medicinal Chemistry, School of Pharmacy, Virginia Commonwealth University, Richmond 23298-0581.
NC GM34507 (NIGMS)
SO Pharmaceutical research, (1990 Apr) Vol. 7, No. 4, pp. 402-6.
Journal code: 8406521. ISSN: 0724-8741.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
(RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)
LA English
FS Priority Journals
EM 199008
ED Entered STN: 7 Sep 1990
Last Updated on STN: 3 Feb 1997
Entered Medline: 8 Aug 1990

L9 ANSWER 30 OF 45 MEDLINE on STN
AN 90239948 MEDLINE
DN PubMed ID: 2333714
TI Identification of glucose conjugates as major urinary metabolites of cannabidiol in the dog.
AU Samara E; Bialer M; Harvey D J
CS Department of Pharmacy, Hebrew University of Jerusalem, Israel.
NC DA04005 (NIDA)
SO Xenobiotica; the fate of foreign compounds in biological systems, (1990 Feb) Vol. 20, No. 2, pp. 177-83.
Journal code: 1306665. ISSN: 0049-8254.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
(RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)
LA English
FS Priority Journals
EM 199006
ED Entered STN: 6 Jul 1990
Last Updated on STN: 6 Jul 1990
Entered Medline: 7 Jun 1990

L9 ANSWER 31 OF 45 MEDLINE on STN
AN 90213588 MEDLINE
DN PubMed ID: 2108810
TI Conjugation of benzo[a]pyrene metabolites by freshwater green alga Selenastrum capricornutum.
AU Warshawsky D; Keenan T H; Reilman R; Cody T E; Radike M J
CS Department of Environmental Health, University of Cincinnati Medical Center, OH 45267-0056.
NC ES-07073 (NIEHS)
P42 ES 04908 (NIEHS)
SO Chemico-biological interactions, (1990) Vol. 74, No. 1-2, pp. 93-105.

Journal code: 0227276. ISSN: 0009-2797.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, U.S. GOV'T, NON-P.H.S.)
(RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)
LA English
FS Priority Journals
EM 199005
ED Entered STN: 22 Jun 1990
Last Updated on STN: 22 Jun 1990
Entered Medline: 18 May 1990

L9 ANSWER 32 OF 45 MEDLINE on STN
AN 88113443 MEDLINE
DN PubMed ID: 3338698
TI Microsomal specificity underlying the differing hepatic formation of bilirubin glucuronide and glucose conjugates by rat and dog.
AU Sommerer U; Gordon E R; Goresky C A
CS McGill University Medical Clinic, Montreal General Hospital, Quebec, Canada.
SO Hepatology (Baltimore, Md.), (1988 Jan-Feb) Vol. 8, No. 1, pp. 116-24.
Journal code: 8302946. ISSN: 0270-9139.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
LA English
FS Priority Journals
EM 198803
ED Entered STN: 8 Mar 1990
Last Updated on STN: 8 Mar 1990
Entered Medline: 7 Mar 1988

L9 ANSWER 33 OF 45 MEDLINE on STN
AN 87321455 MEDLINE
DN PubMed ID: 3630205
TI Formation of a diazonium cation intermediate in the metabolism of sulphamethazine to desaminosulphamethazine in the rat.
AU Paulson G D; Feil V J; MacGregor J T
SO Xenobiotica; the fate of foreign compounds in biological systems, (1987 Jun) Vol. 17, No. 6, pp. 697-707.
Journal code: 1306665. ISSN: 0049-8254.
CY ENGLAND: United Kingdom
DT (IN VITRO)
Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 198710
ED Entered STN: 5 Mar 1990
Last Updated on STN: 5 Mar 1990
Entered Medline: 22 Oct 1987

L9 ANSWER 34 OF 45 MEDLINE on STN
AN 87321450 MEDLINE
DN PubMed ID: 3630201
TI Disposition and metabolism of indeloxazine hydrochloride, a cerebral activator, in rats.
AU Kamimura H; Enjoji Y; Sasaki H; Kawai R; Kaniwa H; Niigata K; Kageyama S
SO Xenobiotica; the fate of foreign compounds in biological systems, (1987 Jun) Vol. 17, No. 6, pp. 645-58.
Journal code: 1306665. ISSN: 0049-8254.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English

FS Priority Journals
EM 198710
ED Entered STN: 5 Mar 1990
Last Updated on STN: 5 Mar 1990
Entered Medline: 22 Oct 1987

L9 ANSWER 35 OF 45 MEDLINE on STN
AN 87053271 MEDLINE
DN PubMed ID: 2877836
TI Hopantenic acid beta-glucoside as a new urinary metabolite of calcium hopantenate in dogs.
AU Nakano K; Ando H; Sugawara Y; Ohashi M; Harigaya S
SO Drug metabolism and disposition: the biological fate of chemicals, (1986 Nov-Dec) Vol. 14, No. 6, pp. 740-5.
Journal code: 9421550. ISSN: 0090-9556.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 198701
ED Entered STN: 2 Mar 1990
Last Updated on STN: 6 Feb 1995
Entered Medline: 22 Jan 1987

L9 ANSWER 36 OF 45 MEDLINE on STN
AN 86191856 MEDLINE
DN PubMed ID: 2870889
TI Depletion kinetics of 14C-sulfamethazine [4-amino-N-(4, 6-dimethyl-2-pyrimidinyl)benzene[U-14C]sulfonamide] metabolism in swine.
AU Mitchell A D; Paulson G D
SO Drug metabolism and disposition: the biological fate of chemicals, (1986 Mar-Apr) Vol. 14, No. 2, pp. 161-5.
Journal code: 9421550. ISSN: 0090-9556.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 198606
ED Entered STN: 21 Mar 1990
Last Updated on STN: 3 Feb 1997
Entered Medline: 12 Jun 1986

L9 ANSWER 37 OF 45 MEDLINE on STN
AN 86191855 MEDLINE
DN PubMed ID: 2870888
TI Steady state kinetics of 14C-sulfamethazine [4-amino-N-(4,6-dimethyl-2-pyrimidinyl)benzene[U-14C]sulfonamide] metabolism in swine.
AU Mitchell A D; Paulson G D; Zaylskie R G
SO Drug metabolism and disposition: the biological fate of chemicals, (1986 Mar-Apr) Vol. 14, No. 2, pp. 155-60.
Journal code: 9421550. ISSN: 0090-9556.
CY United States
DT (COMPARATIVE STUDY)
Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 198606
ED Entered STN: 21 Mar 1990
Last Updated on STN: 3 Feb 1997
Entered Medline: 12 Jun 1986

L9 ANSWER 38 OF 45 MEDLINE on STN
AN 86033499 MEDLINE
DN PubMed ID: 4055614
TI Identification and quantitation of sulfamethazine metabolites by liquid

chromatography and gas chromatography-mass spectrometry.
AU Paulson G D; Mitchell A D; Zaylskie R G
SO Journal - Association of Official Analytical Chemists, (1985 Sep-Oct) Vol. 68, No. 5, pp. 1000-6.
Journal code: 7505559. ISSN: 0004-5756.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 198511
ED Entered STN: 21 Mar 1990
Last Updated on STN: 21 Mar 1990
Entered Medline: 29 Nov 1985

L9 ANSWER 39 OF 45 MEDLINE on STN
AN 81211661 MEDLINE
DN PubMed ID: 6113113
TI The isolation and identification of 14C-sulfamethazine (4-amino-n-(4,6-dimethyl-2-pyrimidinyl)[14C]benzenesulfonamide) metabolites in the tissues and excreta of swine.
AU Paulson G D; Giddings J M; Lamoureux C H; Mansager E R; Struble C B
SO Drug metabolism and disposition: the biological fate of chemicals, (1981 Mar-Apr) Vol. 9, No. 2, pp. 142-6.
Journal code: 9421550. ISSN: 0090-9556.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 198108
ED Entered STN: 16 Mar 1990
Last Updated on STN: 6 Feb 1995
Entered Medline: 10 Aug 1981

L9 ANSWER 40 OF 45 MEDLINE on STN
AN 81152572 MEDLINE
DN PubMed ID: 7010517
TI [Clinical applications of enzyme-immunoassay of rheumatoid factor]. Applications cliniques du dosage enzymo-immunologique du facteur rhumatoide.
AU Euller L; Quaranta J F; Ziegler G; Ferrua B; Maiolini R; Masseyeff R
SO Revue du rhumatisme et des maladies osteo-articulaires, (1980 Oct) Vol. 47, No. 10, pp. 545-51.
Journal code: 0407211. ISSN: 0035-2659.
CY France
DT (COMPARATIVE STUDY)
(ENGLISH ABSTRACT)
Journal; Article; (JOURNAL ARTICLE)
LA French
FS Priority Journals
EM 198105
ED Entered STN: 16 Mar 1990
Last Updated on STN: 3 Feb 1997
Entered Medline: 21 May 1981

L9 ANSWER 41 OF 45 MEDLINE on STN
AN 79023846 MEDLINE
DN PubMed ID: 699482
TI Distinctive patterns of amobarbital metabolites.
AU Kalow W; Tang B K; Kadar D; Inaba T
SO Clinical pharmacology and therapeutics,' (1978 Nov) Vol. 24, No. 5, pp. 576-82.
Journal code: 0372741. ISSN: 0009-9236.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English

FS Abridged Index Medicus Journals; Priority Journals
EM 197812
ED Entered STN: 14 Mar 1990
Last Updated on STN: 3 Feb 1997
Entered Medline: 29 Dec 1978

L9 ANSWER 42 OF 45 MEDLINE on STN
AN 77057096 MEDLINE
DN PubMed ID: 825819
TI Xylose, glucose, and glucuronic acid conjugation of bilirubin in the newborn rat.
AU Vaisman S L; Lee K S; Gartner L M
SO Pediatric research, (1976 Dec) Vol. 10, No. 12, pp. 967-71.
Journal code: 0100714. ISSN: 0031-3998.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 197701
ED Entered STN: 13 Mar 1990
Last Updated on STN: 13 Mar 1990
Entered Medline: 28 Jan 1977

L9 ANSWER 43 OF 45 MEDLINE on STN
AN 76101882 MEDLINE
DN PubMed ID: 813177
TI Various bilirubin conjugates in pregnant and nonpregnant rats with and without phenobarbital treatment.
AU Vaisman S L; Lee K S; Gartner L M
SO Pediatric research, (1976 Feb) Vol. 10, No. 2, pp. 111-3.
Journal code: 0100714. ISSN: 0031-3998.
CY Switzerland
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 197603
ED Entered STN: 13 Mar 1990
Last Updated on STN: 13 Mar 1990
Entered Medline: 30 Mar 1976

L9 ANSWER 44 OF 45 MEDLINE on STN
AN 72159519 MEDLINE
DN PubMed ID: 5145903
TI Excretion in dog bile of glucose and xylose conjugates of bilirubin.
AU Fevery J; Van Hees G P; Leroy P; Compernolle F; Heirwegh K P
SO The Biochemical journal, (1971 Dec) Vol. 125, No. 3, pp. 803-10.
Journal code: 2984726R. ISSN: 0264-6021.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 197206
ED Entered STN: 10 Mar 1990
Last Updated on STN: 10 Mar 1990
Entered Medline: 21 Jun 1972

L9 ANSWER 45 OF 45 MEDLINE on STN
AN 56006607 MEDLINE
DN PubMed ID: 13254755
TI A glucosamine conjugate occurring in human urine.
AU KING J S Jr; HYDER N
SO Proceedings of the Society for Experimental Biology and Medicine. Society for Experimental Biology and Medicine (New York, N.Y.), (1955 Jul) Vol. 89, No. 3, pp. 342-5.
Journal code: 7505892. ISSN: 0037-9727.

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DT   Journal; Article; (JOURNAL ARTICLE)
LA   English
FS   OLDMEDLINE; NONMEDLINE
OS   CLML5629-6607
EM   200305
ED   Entered STN: Feb 2004
     Last Updated on STN: Feb 2004
     Entered Medline: 1 May 2003


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=> s "glucose conjugate" or "deoxyglucose conjugate" or "glucosamine conjugate"
        344257 "GLUCOSE"
           367 "GLUCOSES"
        344364 "GLUCOSE"
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         28308 "CONJUGATE"
         24079 "CONJUGATES"
         45666 "CONJUGATE"
                 ("CONJUGATE" OR "CONJUGATES")
           114 "GLUCOSE CONJUGATE"
                 ("GLUCOSE"(W)"CONJUGATE")
          8604 "DEOXYGLUCOSE"
             6 "DEOXYGLUCOSES"
          8606 "DEOXYGLUCOSE"
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         28308 "CONJUGATE"
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                 ("DEOXYGLUCOSE"(W)"CONJUGATE")
         14545 "GLUCOSAMINE"
           117 "GLUCOSAMINES"
         14605 "GLUCOSAMINE"
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         28308 "CONJUGATE"
         24079 "CONJUGATES"
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L11  ANSWER 1 OF 104  BIOSIS  COPYRIGHT (c) 2007 The Thomson Corporation  on
     STN
AN   2006:158201  BIOSIS
DN   PREV200600153661
TI   Characterization of beta-glucosidases specific to hydrolysis of
     isoflavonoid glucose conjugates.
AU   Paiva, Nancy L. [Reprint Author]; Mei, Chuansheng; Cooper, John D.;
     Jackson, Lisa A.
CS   SE Oklahoma State Univ, Dept Phys Sci, Durant, OK 74701 USA
     nlpaiva@alum.mit.edu
SO   Abstracts of Papers American Chemical Society, (MAR 28 2004)
     Vol. 227, No. Part 1, pp. U37-U38.
     Meeting Info.: 227th National Meeting of the American-Chemical Society.
     Anaheim, CA, USA. March 28 -April 01, 2004. Amer Chem Soc.
     CODEN: ACSRAL. ISSN: 0065-7727.
DT   Conference; (Meeting)
     Conference; Abstract; (Meeting Abstract)
LA   English
ED   Entered STN: 9 Mar 2006
     Last Updated on STN: 9 Mar 2006

L11  ANSWER 2 OF 104  BIOSIS  COPYRIGHT (c) 2007 The Thomson Corporation  on
     STN
AN   2005:126012  BIOSIS
DN   PREV200500127874
TI   Metabolic engineering of the chloroplast genome using the Echerichia coli
     ubiC gene reveals that chorismate - Is a readily abundant plant precursor
     for p-hydroxybenzoic acid biosynthesis.
AU   Viitanen, Paul V.; Devine, Andrew L.; Khan, Muhammad Sarwar; Deuel,
     Deborah L.; Van Dyk, Drew E.; Daniell, Henry [Reprint Author]
CS   Dept Mol and Microbiol, Univ Cent Florida, Orlando, FL, 32816, USA
     daniell@mail.ucf.edu
SO   Plant Physiology (Rockville), (December 2004) Vol. 136, No. 4,
     pp. 4048-4060. print.
     ISSN: 0032-0889 (ISSN print).
DT   Article
LA   English
ED   Entered STN: 1 Apr 2005
     Last Updated on STN: 1 Apr 2005

L11  ANSWER 3 OF 104  BIOSIS  COPYRIGHT (c) 2007 The Thomson Corporation  on
     STN
AN   2005:121871  BIOSIS
DN   PREV200500125412
TI   Metabolism of tolclofos-methyl in lettuce (Lactuca sativa).
AU   Ichise-Shibuya, Keiko [Reprint Author]; Fujisawa, Takuo; Katagi,
     Toshiyuki; Takimoto, Yoshiyuki
CS   Environm Hlth Sci Lab, Sumitomo Chem Co Ltd, 2-1 Takatsukasa 4 Chome,
     Takarazuka, Hyogo, 6658555, Japan
SO   Journal of Pesticide Science, (2004) Vol. 29, No. 4, pp.
     322-327. print.
     ISSN: 1348-589X (ISSN print).
DT   Article
LA   English
ED   Entered STN: 1 Apr 2005
     Last Updated on STN: 1 Apr 2005

L11  ANSWER 4 OF 104  BIOSIS  COPYRIGHT (c) 2007 The Thomson Corporation  on
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STN
AN 2005:34249 BIOSIS
DN PREV200500034869
TI Glycosylated dihydrochalcones as potent and selective sodium glucose co-transporter 2 (SGLT2) inhibitors.
AU Dudash, Joseph Jr [Reprint Author]; Zhang, Xiaoyan; Zeck, Roxanne E.; Johnson, Sigmond G.; Cox, Geoffrey G.; Conway, Bruce R.; Rybczynski, Philip J.; Demarest, Keith T.
CS Johnson and Johnson Pharmaceut Res and Dev LLC, 1000 Rt 202,POB 300, Raritan, NJ, 08869, USA
jdudash@prdus.jnj.com
SO Bioorganic & Medicinal Chemistry Letters, (October 18 2004) Vol. 14, No. 20, pp. 5121-5125. print.
CODEN: BMCLE8. ISSN: 0960-894X.
DT Article
LA English
ED Entered STN: 19 Jan 2005
Last Updated on STN: 19 Jan 2005

L11 ANSWER 5 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2004:397157 BIOSIS
DN PREV200400395376
TI Polyvalent dendrimer glucosamine conjugates prevent scar tissue formation.
AU Shaunak, Sunil [Reprint Author]; Thomas, Sharyn; Gianasi, Elisabetta; Godwin, Antony; Jones, Emma; Teo, Ian; Mireskandari, Kamiar; Luthert, Philip; Duncan, Ruth; Patterson, Steve; Khaw, Peng; Brocchini, Steve
CS Imperial Coll LondonFac Med, Hammersmith Hosp, Ducane Rd, London, W12 0NN, England
s.shaunak@imperial.ac.uk
SO Nature Biotechnology, (August 2004) Vol. 22, No. 8, pp. 977-984. print.
ISSN: 1087-0156 (ISSN print).
DT Article
LA English
ED Entered STN: 13 Oct 2004
Last Updated on STN: 13 Oct 2004

L11 ANSWER 6 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2004:384458 BIOSIS
DN PREV200400385525
TI Synthesis of a glucuronic acid and glucose conjugate library and evaluation of effects-on endothelial cell growth.
AU Pitt, Nigel; Duane, Rhona M.; O'Brien, Alan; Bradley, Helena; Wilson, Stephen J.; O'Boyle, Kathy M.; Murphy, Paul V. [Reprint Author]
CS Conway Inst Biomol and Biomed ResDept Pharmacol, Univ Coll Dublin, Dublin, 4, Ireland
paul.v.murphy@ucd.ie
SO Carbohydrate Research, (August 2 2004) Vol. 339, No. 11, pp. 1873-1887. print.
ISSN: 0008-6215 (ISSN print).
DT Article
LA English
ED Entered STN: 29 Sep 2004
Last Updated on STN: 29 Sep 2004

L11 ANSWER 7 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2004:302471 BIOSIS
DN PREV200400302927
TI Metabolism-based herbicide resistance: regulation by safeners.
AU Hatzios, Kriton K. [Reprint Author]; Burgos, Nilda
CS Univ Arkansas, 1366 W Altheimer Dr, Fayetteville, AR, 72704, USA

nburgos@uark.edu
SO Weed Science, (May 2004) Vol. 52, No. 3, pp. 454-467. print.
CODEN: WEESA6. ISSN: 0043-1745.
DT Article
LA English
ED Entered STN: 30 Jun 2004
Last Updated on STN: 30 Jun 2004

L11 ANSWER 8 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2004:288224 BIOSIS
DN PREV200400286981
TI Hydrolysis of flavonoid glycosides in the oral cavity - Contribution by both bacteria and shedded epithelial cells.
AU Walle, Thomas [Reprint Author]; Browing, Alyson M; Steed, Lisa L; Reed, Susan G; Walle, U. K
CS Dept. of Pharmacology, Medical University of South Carolina, 173 Ashley Avenue, Charleston, SC, 29425, USA
wallet@musc.edu
SO FASEB Journal, (2004) Vol. 18, No. 4-5, pp. Abst. 592.5.
http://www.fasebj.org/. e-file.
Meeting Info.: FASEB Meeting on Experimental Biology: Translating the Genome. Washington, District of Columbia, USA. April 17-21, 2004. FASEB.
ISSN: 0892-6638 (ISSN print).
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 16 Jun 2004
Last Updated on STN: 16 Jun 2004

L11 ANSWER 9 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2004:239945 BIOSIS
DN PREV200400239346
TI Sugar conjugates of fulvestrant (ICI 182,780): Efficient general procedures for glycosylation of the fulvestrant core.
AU Thompson, Mark J.; Hutchinson, Edward J.; Stratford, Thomas H.; Bowler, Wayne B.; Blackburn, G. Michael [Reprint Author]
CS Department of Chemistry, Krebs Institute, University of Sheffield, Brook Hill, Sheffield, S3 7HF, UK
g.m.blackburn@shef.ac.uk
SO Tetrahedron Letters, (2 February 2004) Vol. 45, No. 6, pp. 1207-1210. print.
CODEN: TELEAY. ISSN: 0040-4039.
DT Article
LA English
ED Entered STN: 6 May 2004
Last Updated on STN: 6 May 2004

L11 ANSWER 10 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2004:183389 BIOSIS
DN PREV200400182821
TI Functionalization of OEP-based benzochlorins to develop carbohydrate-conjugated photosensitizers. Attempt to target beta-galactoside-recognized proteins.
AU Li, Guolin; Pandey, Suresh K.; Graham, Andrew; Dobhal, Mahabeer P.; Mehta, Ricky; Chen, Yihui; Gryshuk, Amy; Rittenhouse-Olson, Kate; Oseroff, Allan; Pandey, Ravindra K. [Reprint Author]
CS Chemistry Division Photodynamic Therapy Center, Roswell Park Cancer Institute, Buffalo, NY, 14263, USA
ravindra.pandey@roswellpark.org
SO Journal of Organic Chemistry, (January 9 2004) Vol. 69, No. 1, pp. 158-172. print.
ISSN: 0022-3263 (ISSN print).

DT Article
LA English
ED Entered STN: 7 Apr 2004
Last Updated on STN: 7 Apr 2004

L11 ANSWER 11 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2004:128226 BIOSIS
DN PREV200400130112
TI Metabolism of 5'alpha,8'-cycloabscisic acid, a highly potent and long-lasting abscisic acid analogue, in radish seedlings.
AU Todoroki, Yasushi [Reprint Author]; Sawada, Masao; Matsumoto, Miyuki; Tsukada, Shigeko; Ueno, Kotomi; Isaka, Masatoshi; Owaki, Mariko; Hirai, Nobuhiro
CS Department of Applied Biological Chemistry, Faculty of Agriculture, Shizuoka University, Shizuoka, 422-8529, Japan
aytodor@agr.shizuoka.ac.jp
SO Bioorganic & Medicinal Chemistry, (15 January 2004) Vol. 12, No. 2, pp. 363-370. print.
ISSN: 0968-0896 (ISSN print).
DT Article
LA English
ED Entered STN: 3 Mar 2004
Last Updated on STN: 3 Mar 2004

L11 ANSWER 12 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2003:468034 BIOSIS
DN PREV200300468034
TI Metabolism of fungicide diethofencarb in grape (Vitis vinifera L.): Definitive identification of thiolactic acid conjugated metabolites.
AU Fujisawa, Takuo [Reprint Author]; Ichise-Shibuya, Keiko; Katagi, Toshiyuki; Ruzo, Luis O.; Takimoto, Yoshiyuki
CS Environmental Health Science Laboratory, Sumitomo Chemical Co., Ltd., 2-1, Takatsukasa 4-Chome, Takarazuka, 665-8555, Japan
fujisawat1@sc.sumitomo-chem.co.jp
SO Journal of Agricultural and Food Chemistry, (August 27 2003) Vol. 51, No. 18, pp. 5329-5336. print.
CODEN: JAFCAU. ISSN: 0021-8561.
DT Article
LA English
ED Entered STN: 8 Oct 2003
Last Updated on STN: 8 Oct 2003

L11 ANSWER 13 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2003:396165 BIOSIS
DN PREV200300396165
TI Formation and vacuolar localization of salicylic acid glucose conjugates in soybean cell suspension cultures.
AU Dean, John V. [Reprint Author]; Shah, Reena P.; Mohammed, Leila A.
CS Department of Biological Sciences, DePaul University, 2325 N. Clifton Ave., Chicago, IL, 60614, USA
jdean@depaul.edu
SO Physiologia Plantarum, (July 2003) Vol. 118, No. 3, pp. 328-336. print.
ISSN: 0031-9317 (ISSN print).
DT Article
LA English
ED Entered STN: 27 Aug 2003
Last Updated on STN: 27 Aug 2003

L11 ANSWER 14 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2003:66346 BIOSIS

DN PREV200300066346
TI Alternate energy-dependent pathways for the vacuolar uptake of glucose and glutathione conjugates.
AU Bartholomew, Dolores M.; Van Dyk, Drew E.; Lau, Sze-Mei Cindy; O'Keefe, Daniel P.; Rea, Philip A. [Reprint Author]; Viitanen, Paul V.
CS Department of Biology, Plant Science Institute, University of Pennsylvania, Philadelphia, PA, 19104-6018, USA
parea@sas.upenn.edu
SO Plant Physiology (Rockville), (November 2002) Vol. 130, No. 3, pp. 1562-1572. print.
ISSN: 0032-0889 (ISSN print).
DT Article
LA English
ED Entered STN: 29 Jan 2003
Last Updated on STN: 29 Jan 2003

L11 ANSWER 15 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2002:485564 BIOSIS
DN PREV200200485564
TI Profiling isoflavonoids in legume root extracts using capillary electrophoresis.
AU Baggett, Brandi R. [Reprint author]; Cooper, John D.; Paiva, Nancy L.; Smith, Joel T. [Reprint author]
CS Department of Physical Sciences, Southeastern Oklahoma State University, 1405 N. 4th Ave., Durant, OK, 74701, USA
SO Abstracts of Papers American Chemical Society, (2002) Vol. 223, No. 1-2, pp. CHED 254. print.
Meeting Info.: 223rd National Meeting of the American Chemical Society. Orlando, FL, USA. April 07-11, 2002.
CODEN: ACSRAL. ISSN: 0065-7727.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 18 Sep 2002
Last Updated on STN: 18 Sep 2002

L11 ANSWER 16 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2002:413616 BIOSIS
DN PREV200200413616
TI Profiling isoflavonoids found in legume root extracts using capillary electrophoresis.
AU Baggett, Brandi R.; Cooper, John D.; Hogan, Eric T.; Carper, Jason; Paiva, Nancy L.; Smith, Joel T. [Reprint author]
CS Southeastern Oklahoma State University, P.O. Box 4025 - Campus, Durant, OK, 74701-0609, USA
tsmith@sosu.edu
SO Electrophoresis, (June, 2002) Vol. 23, No. 11, pp. 1642-1651. print.
CODEN: ELCTDN. ISSN: 0173-0835.
DT Article
LA English
ED Entered STN: 31 Jul 2002
Last Updated on STN: 31 Jul 2002

L11 ANSWER 17 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2002:382700 BIOSIS
DN PREV200200382700
TI 4-Hydroxycinnamoyl-CoA hydratase/lyase, an enzyme of phenylpropanoid cleavage from Pseudomonas, causes formation of C6-C1 acid and alcohol glucose conjugates when expressed in hairy roots of Datura stramonium L.
AU Mitra, Adinpunya; Mayer, Melinda J.; Mellon, Fred A.; Michael, Anthony J.;

Narbad, Arjan; Parr, Adrian J.; Waldron, Keith W.; Walton, Nicholas J. [Reprint author]

CS Food Safety Science Division, Institute of Food Research, Norwich Research Park, Colney, Norwich, NR4 7UA, UK
nicholas.walton@bbsrc.ac.uk

SO Planta (Berlin), (May, 2002) Vol. 215, No. 1, pp. 79-89. print.
CODEN: PLANAB. ISSN: 0032-0935.

DT Article

LA English

ED Entered STN: 10 Jul 2002
Last Updated on STN: 29 Aug 2002

L11 ANSWER 18 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 2002:359180 BIOSIS

DN PREV200200359180

TI Atypical pharmacokinetics and metabolism of mycophenolic acid in a young kidney transplant recipient with impaired renal function.

AU Wigger, Marianne; Armstrong, Victor William [Reprint author]; Shipkova, Maria; Wacke, Rainer; Nizze, Horst; Streit, Frank; von Ahsen, Nicolas; Muscheites, Jutta; Glasenapp, Sabine; Stolpe, Hans-Joachim; Oellerich, Michael

CS Abteilung Klinische Chemie, Georg-August-Universitaet, Universitaetsklinikum, Robert-Koch-Strasse 40, D-37070, Goettingen, Germany
varmstro@med.uni-goettingen.de

SO Therapeutic Drug Monitoring, (June, 2002) Vol. 24, No. 3, pp. 438-443. print.
CODEN: TDMODV. ISSN: 0163-4356.

DT Article

LA English

ED Entered STN: 26 Jun 2002
Last Updated on STN: 26 Jun 2002

L11 ANSWER 19 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 2002:249204 BIOSIS

DN PREV200200249204

TI Identification of fonofos metabolites in Latuca sativa, Beta vulgaris, and Triticum aestivum by packed capillary flow fast atom bombardment tandem mass spectrometry.

AU Onisko, Bruce C. [Reprint author]; Tambling, Doug R.; Gorder, Greg W.; Diaz, David G.; Ericson, John L.; Prisbylla, Mike P.; Spillner, Chuck J.

CS Jealotts Hill Research Centre, Syngenta, Bracknell, Berkshire, RG42 6ET, UK
onibid@earthlink.com

SO Journal of Agricultural and Food Chemistry, (March 27, 2002) Vol. 50, No. 7, pp. 1922-1928. print.
CODEN: JAFCAU. ISSN: 0021-8561.

DT Article

LA English

ED Entered STN: 17 Apr 2002
Last Updated on STN: 17 Apr 2002

L11 ANSWER 20 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 2002:160857 BIOSIS

DN PREV200200160857

TI Herbicide metabolism and tolerance in the transgenic rice plants expressing human CYP2C9 and CYP2C19.

AU Inui, Hideyuki [Reprint author]; Shiota, Noriaki [Reprint author]; Ido, Yoshiko [Reprint author]; Inoue, Tomomi [Reprint author]; Hirose, Sakiko; Kawahigashi, Hiroyuki; Ohkawa, Yasunobu; Ohkawa, Hideo [Reprint author]

CS Research Center for Environmental Genomics, Kobe University, Nada-ku, Kobe, 657-8501, Japan

SO Pesticide Biochemistry and Physiology, (November, 2001) Vol. 71, No. 3, pp. 156-169. print.
CODEN: PCBPBS. ISSN: 0048-3575.
DT Article
LA English
ED Entered STN: 21 Feb 2002
Last Updated on STN: 26 Feb 2002

L11 ANSWER 21 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2001:399644 BIOSIS
DN PREV200100399644
TI Does excretion of secondary metabolites always involve a measurable metabolic cost? Fate of plant antifeedant salicin in common brushtail possum, Trichosurus vulpecula.
AU McLean, S.; Pass, G. J.; Foley, W. J. [Reprint author]; Brandon, S.; Davies, N. W.
CS Division of Botany and Zoology, Australian National University, Canberra, A.C.T., 0200, Australia
william.foley@anu.edu.au
SO Journal of Chemical Ecology, (June, 2001) Vol. 27, No. 6, pp. 1077-1089. print.
CODEN: JCECD8. ISSN: 0098-0331.
DT Article
LA English
ED Entered STN: 22 Aug 2001
Last Updated on STN: 22 Feb 2002

L11 ANSWER 22 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2001:369775 BIOSIS
DN PREV200100369775
TI Inactivation of O6-methylguanine-DNA methyltransferase by glucose-conjugated inhibitors.
AU Reinhard, Jost; Eichhorn, Uta; Wiessler, Manfred; Kaina, Bernd [Reprint author]
CS Division of Applied Toxicology, Institute of Toxicology, University of Mainz, Obere Zahlbacher Str. 67, D-55131, Mainz, Germany
Kaina@mail.uni-mainz.de
SO International Journal of Cancer, (1 August, 2001) Vol. 93, No. 3, pp. 373-379. print.
CODEN: IJCNAW. ISSN: 0020-7136.
DT Article
LA English
ED Entered STN: 2 Aug 2001
Last Updated on STN: 19 Feb 2002

L11 ANSWER 23 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2001:346659 BIOSIS
DN PREV200100346659
TI Glucosylation as a mechanism of resistance to thaxtomin A in potatoes.
AU Acuna, I. A.; Strobel, G. A.; Jacobsen, B. J. [Reprint author]; Corsini, D. L.
CS Department of Plant Sciences and Plant Pathology, Montana State University, Bozeman, MT, 59715-3150, USA
uplbj@montana.edu
SO Plant Science (Shannon), (June, 2001) Vol. 161, No. 1, pp. 77-88. print.
CODEN: PLSCE4. ISSN: 0168-9452.
DT Article
LA English
ED Entered STN: 25 Jul 2001
Last Updated on STN: 19 Feb 2002

L11 ANSWER 24 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2000:266199 BIOSIS
DN PREV200000266199
TI Extracellular beta-glucosidase activity in barley involved in the hydrolysis of ABA glucose conjugate in leaves.
AU Dietz, Karl-Josef [Reprint author]; Sauter, Angela; Wichert, Kathrin; Messdaghi, David; Hartung, Wolfram
CS Stoffwechselphysiologie und Biochimie der Pflanzen, Universitaet Bielefeld, Universitaetstrasse 25, D-33501, Bielefeld, Germany
SO Journal of Experimental Botany, (May, 2000) Vol. 51, No. 346, pp. 937-944. print.
CODEN: JEBOA6. ISSN: 0022-0957.
DT Article
LA English
ED Entered STN: 30 Jun 2000
Last Updated on STN: 5 Jan 2002

L11 ANSWER 25 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2000:226070 BIOSIS
DN PREV200000226070
TI Application to a cartilage targeting strategy: Synthesis and in vivo biodistribution of 14C-labeled quaternary ammonium-glucosamine conjugates.
AU Giraud, Isabelle; Rapp, Maryse; Maurizis, Jean-Claude; Madelmont, Jean-Claude [Reprint author]
CS INSERM Unite 484, Rue Montalembert, 63005, Clermont-Ferrand Cedex, France
SO Bioconjugate Chemistry, (March-April, 2000) Vol. 11, No. 2, pp. 212-218. print.
CODEN: BCCHES. ISSN: 1043-1802.
DT Article
LA English
ED Entered STN: 7 Jun 2000
Last Updated on STN: 5 Jan 2002

L11 ANSWER 26 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2000:196960 BIOSIS
DN PREV200000196960
TI Systemically administered D-glucose conjugates of 7-chlorokynurenic acid are centrally available and exert anticonvulsant activity in rodents.
AU Battaglia, G.; La Russa, M.; Bruno, V.; Arenare, L.; Ippolito, R.; Copani, A.; Bonina, F.; Nicoletti, F. [Reprint author]
CS Pharmacology Section, Department of Pharmaceutical Sciences, University of Catania, Viale A. Doria, 6, 95125, Catania, Italy
SO Brain Research, (March 31, 2000) Vol. 860, No. 1-2, pp. 149-156. print.
CODEN: BRREAP. ISSN: 0006-8993.
DT Article
LA English
ED Entered STN: 17 May 2000
Last Updated on STN: 4 Jan 2002

L11 ANSWER 27 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2000:176131 BIOSIS
DN PREV200000176131
TI Changes in the metabolic elimination profile of testosterone following exposure of the crustacean Daphnia magna to tributyltin.
AU LeBlanc, Gerald A. [Reprint author]; McLachlan, James B.
CS Department of Toxicology, North Carolina State University, Raleigh, NC, 27695-7633, USA
SO Ecotoxicology and Environmental Safety, (March, 2000) Vol. 45,

No. 3, pp. 296-303. print.
CODEN: EESADV. ISSN: 0147-6513.
DT Article
LA English
ED Entered STN: 3 May 2000
Last Updated on STN: 4 Jan 2002

L11 ANSWER 28 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2000:4989 BIOSIS
DN PREV200000004989
TI Transport and recognition of aminopeptidase-resistant cellobiose-coupled tyrosylglycylglycine by intestinal Na+/glucose cotransporter (SGLT1): Recognition of sugar conjugates by SGLT1 is much less restricted than transport.
AU Mizuma, Takashi [Reprint author]; Sakai, Norio; Hagi, Katsura; Awazu, Shoji
CS Department of Biopharmaceutics and Drug Rational Research Center, School of Pharmacy, Tokyo University of Pharmacy and Life Science (TUPLS), 1432-1 Horinouchi, Hachioji, Tokyo, 192-0392, Japan
SO Biological and Pharmaceutical Bulletin, (Aug., 1999) Vol. 22, No. 8, pp. 876-879. print.
ISSN: 0918-6158.
DT Article
LA English
ED Entered STN: 23 Dec 1999
Last Updated on STN: 31 Dec 2001

L11 ANSWER 29 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1999:434998 BIOSIS
DN PREV199900434998
TI Salicylic acid induces resistance to Alternaria solani in hydroponically grown tomato.
AU Spletzer, Matthew E.; Enyedi, Alexander J. [Reprint author]
CS Department of Biological Sciences, Western Michigan University, 3927 Wood Hall, Kalamazoo, MI, 49008-3899, USA
SO Phytopathology, (Sept., 1999) Vol. 89, No. 9, pp. 722-727. print.
CODEN: PHYTAJ. ISSN: 0031-949X.
DT Article
LA English
ED Entered STN: 18 Oct 1999
Last Updated on STN: 18 Oct 1999

L11 ANSWER 30 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1999:242620 BIOSIS
DN PREV199900242620
TI Identification of glucoside and carboxyl-linked glucuronide conjugates of mycophenolic acid in plasma of transplant recipients treated with mycophenolate mofetil.
AU Shipkova, Maria [Reprint author]; Armstrong, Victor William; Wieland, Eberhard; Niedmann, Paul Dieter; Schuetz, Ekkehard; Brenner-Weiss, Gerald; Voihsel, Martin; Braun, Felix; Oellerich, Michael
CS Abteilung Klinische Chemie, Georg-August-Universitaet, Goettingen, Germany
SO British Journal of Pharmacology, (March, 1999) Vol. 126, No. 5, pp. 1075-1082. print.
CODEN: BJPCBM. ISSN: 0007-1188.
DT Article
LA English
ED Entered STN: 17 Jun 1999
Last Updated on STN: 17 Jun 1999

L11 ANSWER 31 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on

STN
AN 1999:93415 BIOSIS
DN PREV199900093415
TI Intestinal absorption of acyclovir beta-glucoside: Comparative study with acyclovir, guanosine, and kinetinc beta-glucoside.
AU Mizuma, Takashi; Masubuchi, Satoshi; Awazu, Shoji [Reprint author]
CS Dep. Biopharmaceutics Drug Rational Res. Center, Sch. Pharmacy Life Sci., 1432-1 Horinouchi, Hachioji, Tokyo 192-03, Japan
SO Pharmaceutical Research (New York), (Jan., 1999) Vol. 16, No. 1, pp. 69-73. print.
CODEN: PHREEB. ISSN: 0724-8741.
DT Article
LA English
ED Entered STN: 1 Mar 1999
Last Updated on STN: 1 Mar 1999

L11 ANSWER 32 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1998:485200 BIOSIS
DN PREV199800485200
TI Factors that cause the beta-anomeric preference of Na+/glucose cotransporter for intestinal transport of monosaccharide conjugates.
AU Mizuma, Takashi; Nagamine, Yasuo; Dobashi, Akira; Awazu, Shoji [Reprint author]
CS Dep. Biopharm., Sch. Pharm., Tokyo Univ. Pharm. Life Sci., 1432-1 Horinouchi, Hachioji, Tokyo 192-03, Japan
SO Biochimica et Biophysica Acta, (Aug. 24, 1998) Vol. 1381, No. 3, pp. 340-346. print.
CODEN: BBACAQ. ISSN: 0006-3002.
DT Article
LA English
ED Entered STN: 5 Nov 1998
Last Updated on STN: 5 Nov 1998

L11 ANSWER 33 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1998:344286 BIOSIS
DN PREV199800344286
TI Intestinal metabolism and transport of alpha-disaccharide conjugates: The role of disaccharidase in the Na+/glucose cotransporter-mediated transport.
AU Mizuma, T.; Awazu, S. [Reprint author]
CS Dep. Biopharm., Sch. Pharmacy, Tokyo Univ. Pharmacy Life Sci., 1432-1 Horinouchi, Hachioji, Tokyo 192-03, Japan
SO Research Communications in Molecular Pathology and Pharmacology, (April, 1998) Vol. 100, No. 1, pp. 43-52. print.
ISSN: 1078-0297.
DT Article
LA English
ED Entered STN: 13 Aug 1998
Last Updated on STN: 10 Sep 1998

L11 ANSWER 34 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1998:134682 BIOSIS
DN PREV199800134682
TI Fate of (14C)diphenylamine in stored apples.
AU Kim-Kang, Heasook [Reprint author]; Robinson, Robert A.; Wu, Jinn
CS XenoBiotic Laboratories Inc., 107 Morgan Lane, Plainsboro, NJ 08536, USA
SO Journal of Agricultural and Food Chemistry, (Feb., 1998) Vol. 46, No. 2, pp. 707-717. print.
CODEN: JAFCAU. ISSN: 0021-8561.
DT Article
LA English
ED Entered STN: 20 Mar 1998

Last Updated on STN: 20 Mar 1998

L11 ANSWER 35 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1998:122965 BIOSIS
DN PREV199800122965
TI Intestinal Na+/glucose cotransporter-mediated transport of glucose conjugate formed from disaccharide conjugate.
AU Mizuma, Takashi; Awazu, Shoji [Reprint author]
CS Dep. Biopharm., Sch. Pharm., Tokyo Univ. Pharm. Life Sci., 1432-1 Horinouchi, Hachioji, Tokyo 192-03, Japan
SO Biochimica et Biophysica Acta, (Jan. 8, 1998) Vol. 1379, No. 1, pp. 1-6. print.
CODEN: BBACAQ. ISSN: 0006-3002.
DT Article
LA English
ED Entered STN: 5 Mar 1998
Last Updated on STN: 5 Mar 1998

L11 ANSWER 36 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1998:52559 BIOSIS
DN PREV199800052559
TI Cellulase-catalyzed transglucosylation of acetaminophen and acyclovir: Preparative enzymatic synthesis of beta-glucose conjugate.
AU Mizuma, Takashi; Masubuchi, Satoshi; Awazu, Shoji [Reprint author]
CS Dep. Biopharm., Tokyo Univ. Pharm. Life Sci., 1432-1 Horinouchi, Hachioji, Tokyo 192-03, Japan
SO Pharmaceutical Research (New York), (Nov., 1997) Vol. 14, No. 11, pp. 1647-1650. print.
CODEN: PHREEB. ISSN: 0724-8741.
DT Article
LA English
ED Entered STN: 27 Jan 1998
Last Updated on STN: 20 Mar 1998

L11 ANSWER 37 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1998:51786 BIOSIS
DN PREV199800051786
TI Method for the determination of imazamox and its two hydroxy and glucose conjugate metabolites in Adzuki beans by capillary electrophoresis.
AU Ohba, Kaori [Reprint author]; Minoura, Masaaki; Safarpour, Maximilian M.; Picard, Gerald L.; Safarpour, Hudan
CS Tahara Agric. Cent., Cyanamid Ltd., 16-1 Kamigaya, Mutsure, Tahara, Atsumi-gun, Aichi 441-34, Japan
SO Journal of Pesticide Science, (1997) Vol. 22, No. 4, pp. 277-281. print.
CODEN: NNGADV. ISSN: 0385-1559.
DT Article
LA English
ED Entered STN: 27 Jan 1998
Last Updated on STN: 27 Jan 1998

L11 ANSWER 38 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1998:42209 BIOSIS
DN PREV199800042209
TI Relative bioavailability of the antioxidant flavonoid quercetin from various foods in man.
AU Hollmann, Peter C. H. [Reprint author]; Van Trijp, John M. P.; Buysman, Michael N. C. P.; V D Gaag, Martijn S.; Mengelers, Marcel J. B.; De Vries, Jeanne H. M.; Katan, Martijn B.

CS DLO-State Inst. Quality Control Agric. Products, Bornsesteeg 45, 6708 PD Wageneingen, Netherlands
SO FEBS Letters, (Nov. 24, 1997) Vol. 418, No. 1-2, pp. 152-156. print.
CODEN: FEBLAL. ISSN: 0014-5793.
DT Article
LA English
ED Entered STN: 27 Jan 1998
Last Updated on STN: 20 Mar 1998

L11 ANSWER 39 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1997:28928 BIOSIS
DN PREV199799328131
TI Microwave-assisted extraction coupled with liquid chromatography/electrospray ionization mass spectrometry for the simplified determination of imidazolinone herbicides and their metabolites in plant tissue.
AU Stout, Steven J. [Reprint author]; Dacunha, Adrian R.; Picard, Gerald L.; Safarpour, Maximilian M.
CS Agric. Products Res. Div., American Cyanamid Company, P.O. Box 400, Princeton, NJ 08543-0400, USA
SO Journal of Agricultural and Food Chemistry, (1996) Vol. 44, No. 11, pp. 3548-3553.
CODEN: JAFCAU. ISSN: 0021-8561.
DT Article
LA English
ED Entered STN: 15 Jan 1997
Last Updated on STN: 23 Jan 1997

L11 ANSWER 40 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1996:541630 BIOSIS
DN PREV199699263986
TI Determination of metsulfuron methyl and its two metabolites in crops by liquid chromatography with ultraviolet detection.
AU Zhou, Min [Reprint author]; Li, Gui-Yun; Whalen, Stephanie A.
CS E. I. du Pont Nemours Co., Agric. Products Exp. Station, Wilmington, DE 19880-0402, USA
SO Journal of AOAC International, (1994) Vol. 77, No. 6, pp. 1654-1659.
ISSN: 1060-3271.
DT Article
LA English
ED Entered STN: 10 Dec 1996
Last Updated on STN: 23 Jan 1997

L11 ANSWER 41 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1996:521174 BIOSIS
DN PREV199699243530
TI Metabolism of 14C-sulphadimethoxane in swine.
AU Adams, P. E.; Feil, V. J. [Reprint author]; Paulson, G. D.
CS US Dep. Agric., Agric. Res. Serv., Biosci. Res. Lab., Fargo, ND 58105, USA
SO Xenobiotica, (1996) Vol. 26, No. 9, pp. 921-933.
CODEN: XENOBH. ISSN: 0049-8254.
DT Article
LA English
ED Entered STN: 22 Nov 1996
Last Updated on STN: 22 Nov 1996

L11 ANSWER 42 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1996:341155 BIOSIS
DN PREV199699063511

TI Reductions in steroid hormone biotransformation/elimination as a biomarker of pentachlorophenol chronic toxicity.
AU Parks, Louise G.; Le Blanc, Gerald A. [Reprint author]
CS Dep. Toxicol., North Carolina University, Box 7633, Raleigh, NC 27695-7633, USA
SO Aquatic Toxicology (Amsterdam), (1996) Vol. 34, No. 4, pp. 291-303.
CODEN: AQTODG. ISSN: 0166-445X.
DT Article
LA English
ED Entered STN: 26 Jul 1996
Last Updated on STN: 26 Sep 1996

L11 ANSWER 43 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1996:282228 BIOSIS
DN PREV199699004584
TI Initial oxidative and subsequent conjugative metabolites produced during the metabolism of phenanthrene by fungi.
AU Casillas, R. P.; Crow., S. A., Jr.; Heinze, T. M.; Deck, J.; Cerniglia, C. E. [Reprint author]
CS Natl. Cent. Toxicological Res., Food Drug Adm., Jefferson, AR 72079, USA
SO Journal of Industrial Microbiology, (1996) Vol. 16, No. 4, pp. 205-215.
CODEN: JIMIE7. ISSN: 0169-4146.
DT Article
LA English
ED Entered STN: 25 Jun 1996
Last Updated on STN: 25 Jun 1996

L11 ANSWER 44 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1996:163153 BIOSIS
DN PREV199698735288
TI Stimulation of Ca-2+-dependent membrane currents in Xenopus oocytes by microinjection of pyrimidine nucleotide-glucose conjugates.
AU Kim, Hak Yong; Thomas, David; Hanley, Michael R. [Reprint author]
CS Department Biological Chemistry, School Medicine, University California, Davis, CA 95616-8635, USA
SO Molecular Pharmacology, (1996) Vol. 49, No. 2, pp. 360-364.
CODEN: MOPMA3. ISSN: 0026-895X.
DT Article
LA English
ED Entered STN: 11 Apr 1996
Last Updated on STN: 10 Jun 1997

L11 ANSWER 45 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1996:30646 BIOSIS
DN PREV199698602781
TI Absorption, translocation, and metabolism of imazethapyr in common ragweed (Ambrosia artemisiifolia) and giant ragweed (Ambrosia trifida).
AU Ballard, Thomas O.; Foley, Michael E.; Bauman, Thomas T.
CS Dep. Bot. Plant Pathol., Purdue Univ., West Lafayette, IN 47907, USA
SO Weed Science, (1995) Vol. 43, No. 4, pp. 572-577.
CODEN: WEESA6. ISSN: 0043-1745.
DT Article
LA English
ED Entered STN: 26 Jan 1996
Last Updated on STN: 27 Jan 1996

L11 ANSWER 46 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1995:344197 BIOSIS

DN PREV199598358497
TI Metabolism of the Fusarium Mycotoxins Zearalenone and Deoxynivalenol by Yeast Strains of Technological Relevance.
AU Boeswald, Christoph; Engelhardt, Gabriele; Voegl, Herbert; Wallnoefer, Peter R. [Reprint author]
CS Bayerische Landesanstalt Emaehrung, Abteilung Emaehrung, Menzingerstr. 54, 80638 Muenchen, Germany
SO Natural Toxins, (1995) Vol. 3, No. 3, pp. 138-144.
ISSN: 1056-9014.
DT Article
LA English
ED Entered STN: 10 Aug 1995
Last Updated on STN: 10 Aug 1995

L11 ANSWER 47 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1995:307549 BIOSIS
DN PREV199598321849
TI Physiological and biochemical perturbations in Daphnia magna following exposure to the model environmental estrogen diethylstilbestrol.
AU Baldwin, William S.; Milam, David L.; Leblanc, Gerald A. [Reprint author]
CS Dep. Toxicol., Box 7633, North Carolina State Univ., Raleigh, NC 27695, USA
SO Environmental Toxicology and Chemistry, (1995) Vol. 14, No. 6, pp. 945-952.
CODEN: ETOCDK. ISSN: 0730-7268.
DT Article
LA English
ED Entered STN: 11 Jul 1995
Last Updated on STN: 11 Jul 1995

L11 ANSWER 48 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1995:84172 BIOSIS
DN PREV199598098472
TI Gibberellin conjugates: An overview.
AU Schneider, G.; Schliemann, W.
CS Inst. Plant Biochem., POB 250, D-06018 Halle, Germany
SO Plant Growth Regulation, (1994) Vol. 15, No. 3, pp. 247-260.
CODEN: PGRED3. ISSN: 0167-6903.
DT Article
General Review; (Literature Review)
LA English
ED Entered STN: 22 Feb 1995
Last Updated on STN: 23 Feb 1995

L11 ANSWER 49 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1995:33480 BIOSIS
DN PREV199598047780
TI Microbial transformation of immunosuppressive compounds III. Glucosylation of immunomycin (FR 900520) and FK 506 by Bacillus subtilis ATCC 55060.
AU Petuch, Brian R.; Arison, Byron; Hsu, Annjia; Monaghan, Richard; Dumont, Francis J.; Chen, Tom S. [Reprint author]
CS Fermentation Microbiol., Build. R80Y-205, Merck Research Lab., Rahway, NJ 07065, USA
SO Journal of Industrial Microbiology, (1994) Vol. 13, No. 2, pp. 131-135.
CODEN: JIMIE7. ISSN: 0169-4146.
DT Article
LA English
ED Entered STN: 25 Jan 1995
Last Updated on STN: 26 Jan 1995

L11 ANSWER 50 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on

STN
AN 1994:403218 BIOSIS
DN PREV199497416218
TI In vivo biotransformation of testosterone by phase I and II detoxication enzymes and their modulation by 20-hydroxyecdysone in Daphnia magna.
AU Baldwin, William S.; Leblanc, Gerald A. [Reprint author]
CS North Carolina State Univ., Dep. Toxicol., Box 7633, Raleigh, NC 27695, USA
SO Aquatic Toxicology (Amsterdam), (1994) Vol. 29, No. 1-2, pp. 103-117.
CODEN: AQTODG. ISSN: 0166-445X.
DT Article
LA English
ED Entered STN: 23 Sep 1994
Last Updated on STN: 24 Sep 1994

L11 ANSWER 51 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1994:207043 BIOSIS
DN PREV199497220043
TI Novel carbohydrate conjugates as potential prodrugs of acyclovir.
AU Chamberlain, S. D. [Reprint author]; Moorman, A. R.; Burnette, T. C.; De Miranda, P.; Krinitsky, T. A.
CS Wellcome Res. Lab., Research Triangle Park, NC 27709, USA
SO Antiviral Chemistry and Chemotherapy, (1994) Vol. 5, No. 2, pp. 64-73.
CODEN: ACCHEH. ISSN: 0956-3202.
DT Article
LA English
ED Entered STN: 10 May 1994
Last Updated on STN: 11 May 1994

L11 ANSWER 52 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1994:57819 BIOSIS
DN PREV199497070819
TI Absorption of N-4-D-glucopyranosylsulphamethazine by rat everted intestinal sacs.
AU Wang, Yi; Grigg, Ronald; McCormack, Ann; Symonds, Herbert; Bowmer, Christopher [Reprint author]
CS Dep. Pharmacol., Worsley Med. Dental Build., Univ. Leeds, Leeds LS2 9JT, UK
SO Biochemical Pharmacology, (1993) Vol. 46, No. 10, pp. 1864-1866.
CODEN: BCPCA6. ISSN: 0006-2952.
DT Article
LA English
ED Entered STN: 9 Feb 1994
Last Updated on STN: 9 Feb 1994

L11 ANSWER 53 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1993:483059 BIOSIS
DN PREV199396116659
TI Enzymatic hydrolysis of 4-O and 6-O-indolo-3-ylacetyl-beta-D-glucose in plant tissues.
AU Jakubowska, Anna; Kowalczyk, Stanislaw; Leznicki, Antoni J.
CS Copernicus Univ., Inst. Biol., Dep. Biochem., ul. Gagarina 7, 87-100 Torun, Poland
SO Journal of Plant Physiology, (1993) Vol. 142, No. 1, pp. 61-66.
CODEN: JPPHEY. ISSN: 0176-1617.
DT Article
LA English
ED Entered STN: 22 Oct 1993
Last Updated on STN: 23 Oct 1993

L11 ANSWER 54 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1993:414608 BIOSIS
DN PREV199396080333
TI Cytokinin affects nitrate reductase expression through the modulation of polyadenylation of the nitrate reductase mRNA transcript.
AU Suty, Lydie [Reprint author]; Moureaux, Therese; Leydecker, Marie-Therese; Teyssendier De La Serve, Bernard
CS Lab. Phytopharm., INRA, BV 1540, 21034 Dijon Cedex, France
SO Plant Science (Limerick), (1993) Vol. 90, No. 1, pp. 11-19.
CODEN: PLSCE4. ISSN: 0168-9452.
DT Article
Errata
LA English
ED Entered STN: 8 Sep 1993
Last Updated on STN: 9 Sep 1993

L11 ANSWER 55 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1993:191134 BIOSIS
DN PREV199395101584
TI Gibberellins in Gramineae.
AU Schliemann, W.; Schneider, G.
CS Inst. Plant Biochem. Halle, P.O. Box 250, D-O-4010 Halle, Saale, Germany
SO Plant Growth Regulation, (1993) Vol. 12, No. 1-2, pp. 91-98.
CODEN: PGRED3. ISSN: 0167-6903.
DT Article
LA English
ED Entered STN: 9 Apr 1993
Last Updated on STN: 10 Apr 1993

L11 ANSWER 56 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1993:191128 BIOSIS
DN PREV199395101578
TI Transport and metabolism of indole-3-butyric acid in cuttings of Leucadendron discolor.
AU Epstein, E.; Ackerman, A.
CS Inst. Horti., Dep. Ornamental Hortic., Agric. Res. Organization, The Volcani Cent., Bet Dagan 50250, Israel
SO Plant Growth Regulation, (1993) Vol. 12, No. 1-2, pp. 17-22.
CODEN: PGRED3. ISSN: 0167-6903.
DT Article
Errata
LA English
ED Entered STN: 9 Apr 1993
Last Updated on STN: 9 Jun 1993

L11 ANSWER 57 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1992:450453 BIOSIS
DN PREV199294091853; BA94:91853
TI RAPID METABOLIC INACTIVATION IS THE BASIS FOR CROSS-RESISTANCE TO CHLORSULFURON IN DICLOFOP-METHYL-RESISTANT RIGID RYEGRASS LOLIUM-RIGIDUM BIOTYPE SR4-84.
AU COTTERMAN J C [Reprint author]; SAARI L L
CS EI DU PONT DE NEMOURS COMPANY, AGRIC PRODUCTS, NEWARK, DELAWARE 19714, USA
SO Pesticide Biochemistry and Physiology, (1992) Vol. 43, No. 3, pp. 182-192.
CODEN: PCBPBS. ISSN: 0048-3575.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 7 Oct 1992
Last Updated on STN: 8 Oct 1992

L11 ANSWER 58 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1991:273920 BIOSIS
DN PREV199192006535; BA92:6535
TI INDUCTION OF HL-60 CELL DIFFERENTIATION BY WATER-SOLUBLE AND NITROGEN-CONTAINING CONJUGATES OF RETINOIC ACID AND RETINOL.
AU JANICK-BUCKNER D [Reprint author]; BARUA A B; OLSON J A
CS DEP BIOCHEMISTRY BIOPHYSICS, IOWA STATE UNIVERSITY, AMES, IOWA 50011, USA
SO FASEB Journal, (1991) Vol. 5, No. 3, pp. 320-325.
CODEN: FAJOEC. ISSN: 0892-6638.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 13 Jun 1991
Last Updated on STN: 14 Jun 1991

L11 ANSWER 59 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1991:254062 BIOSIS
DN PREV199191134617; BA91:134617
TI METABOLISM OF THE HERBICIDE METRIBUZIN BY AN N GLUCOSYLTRANSFERASE FROM TOMATO CELL CULTURES.
AU DAVIS D G [Reprint author]; OLSON P A; SWANSON H R; FREAR D S
CS BIOSCI RES LAB, AGRIC RES SERV, US DEP AGRIC, STATE UNIVERSITY STATION, FARGO, ND 58105, USA
SO Plant Science (Shannon), (1991) Vol. 74, No. 1, pp. 73-80.
CODEN: PLSCE4. ISSN: 0168-9452.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 25 May 1991
Last Updated on STN: 25 May 1991

L11 ANSWER 60 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1991:185786 BIOSIS
DN PREV199191100535; BA91:100535
TI EFFECTS OF RED AND BLUE LIGHT ON ABSORPTION AND CONJUGATION OF 1 CARBON-14 IAA BY POTATO PLANTS IN IN-VITRO CULTURE.
AU ALKSENOVA N P [Reprint author]; GOLYANOVSKAYA S A; KONSTANTINOVA T N; SERGEEVA L I; KHEIN KH YA; CHAILAKHYAN M KH
CS KA TIMIRYAZEV INST PLANT PHYSIOL, ACAD SCI USSR, MOSCOW, USSR
SO Fiziologiya Rastenii (Moscow), (1990) Vol. 37, No. 5, pp. 981-986.
CODEN: FZRSAV. ISSN: 0015-3303.
DT Article
FS BA
LA RUSSIAN
ED Entered STN: 19 Apr 1991
Last Updated on STN: 19 Apr 1991

L11 ANSWER 61 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1991:67867 BIOSIS
DN PREV199191036527; BA91:36527
TI THE METABOLISM AND EXCRETION OF CARBOVIR A CARBOCYCLIC NUCLEOSIDE IN THE RAT.
AU WALSH J S [Reprint author]; PATANELLA J E; UNGER S E; BROUWER K R; MIWA G T
CS DEP DRUG METABOLISM, GLAXO INC, FIVE MOORE DR, RES TRIANGLE PARK, NC 27709, USA
SO Drug Metabolism and Disposition, (1990) Vol. 18, No. 6, pp. 1084-1091.
CODEN: DMDSAI. ISSN: 0090-9556.

DT Article
FS BA
LA ENGLISH
ED Entered STN: 29 Jan 1991
Last Updated on STN: 29 Jan 1991

L11 ANSWER 62 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1991:55878 BIOSIS
DN PREV199191034159; BA91:34159
TI CHEMICALLY AND BIOLOGICALLY SYNTHESIZED ZEARALENONE 4-BETA-D-GLUCOPYRANOSIDE COMPARISON AND CONVENIENT DETERMINATION BY GRADIENT HPLC.
AU ZILL G [Reprint author]; ZIEGLER W; ENGELHARDT G; WALLNOEFER P R
CS BAYERISCHE LANDESANSTALT ERNAEHRUNG, MENZINGER STR 54, 8000 MUENCHEN 19, FRG
SO Chemosphere, (1990) Vol. 21, No. 4-5, pp. 435-442.
CODEN: CMSHAF. ISSN: 0045-6535.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 10 Jan 1991
Last Updated on STN: 7 Mar 1991

L11 ANSWER 63 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1990:521148 BIOSIS
DN PREV199090138424; BA90:138424
TI IDENTIFICATION OF URINARY METABOLITES OF CANNABIDIOL IN THE DOG.
AU SAMARA E [Reprint author]; BIALER M; HARVEY D J
CS UNIV DEP PHARMACOL, SOUTH PARKS ROAD, OXFORD OX1 3QT, UK
SO Drug Metabolism and Disposition, (1990) Vol. 18, No. 5, pp. 571-579.
CODEN: DMDSAI. ISSN: 0090-9556.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 19 Nov 1990
Last Updated on STN: 9 Jan 1991

L11 ANSWER 64 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1990:315235 BIOSIS
DN PREV199090034202; BA90:34202
TI CONJUGATION OF BENZO-A-PYRENE METABOLITES BY FRESHWATER GREEN ALGA SELENASTRUM-CAPRICORNUTUM.
AU WARSHAWSKY D [Reprint author]; KEENAN T H; REILMAN R; CODY T E; RADIKE M J
CS DEP ENVIRONMENTAL HEALTH, UNIV CINCINNATI MED CENT, 3223 EDEN AVE, CINCINNATI, OHIO 45267-0056, USA
SO Chemico-Biological Interactions, (1990) Vol. 74, No. 1-2, pp. 93-106.
CODEN: CBINA8. ISSN: 0009-2797.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 10 Jul 1990
Last Updated on STN: 10 Jul 1990

L11 ANSWER 65 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1990:289375 BIOSIS
DN PREV199090020221; BA90:20221
TI STEREOCHEMICAL CHARACTERIZATION OF THE DIASTEREOMERS OF THE PHENOBARBITAL N-BETA-D GLUCOSE CONJUGATE EXCRETED IN HUMAN URINE.
AU SOINE W H [Reprint author]; SOINE P J; MONGRAIN S E; ENGLAND T M
CS DEP MEDICINAL CHEM, SCH PHARMACY, VIRGINIA COMMONWEALTH UNIV, RICHMOND, VA

23298-0581, USA
SO Pharmaceutical Research (New York), (1990) Vol. 7, No. 4, pp. 402-406.
CODEN: PHREEB. ISSN: 0724-8741.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 23 Jun 1990
Last Updated on STN: 24 Jun 1990

L11 ANSWER 66 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1990:257959 BIOSIS
DN PREV199090000045; BA90:45
TI METABOLISM OF CARBON-14 LABELED QUIZALOFOP-ETHYL IN SOYBEAN AND COTTON PLANTS.
AU KOEPPE M K [Reprint author]; ANDERSON J J; SHALABY L M
CS AGRIC PRODUCTS DEP, EXP STN, E I PONT NEMOURS COMPANY INC, WILMINGTON, DELAWARE 19880-0402, USA
SO Journal of Agricultural and Food Chemistry, (1990) Vol. 38, No. 4, pp. 1085-1091.
CODEN: JAFCAU. ISSN: 0021-8561.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 5 Jun 1990
Last Updated on STN: 7 Aug 1990

L11 ANSWER 67 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1990:238662 BIOSIS
DN PREV199089125615; BA89:125615
TI FUNCTIONAL PROTEIN POLYSACCHARIDE CONJUGATE PREPARED BY CONTROLLED DRY-HEATING OF OVALBUMIN DEXTRAN MIXTURES.
AU KATO A [Reprint author]; SASAKI Y; FURUTA R; KOBAYASHI K
CS DEP AGRIC CHEM, FAC AGRIC, YAMAGUCHI UNIV, YAMAGUCHI 753, JPN
SO Agricultural and Biological Chemistry, (1990) Vol. 54, No. 1, pp. 107-112.
CODEN: ABCHA6. ISSN: 0002-1369.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 19 May 1990
Last Updated on STN: 19 May 1990

L11 ANSWER 68 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1990:158757 BIOSIS
DN PREV199089086175; BA89:86175
TI IDENTIFICATION OF GLUCOSE CONJUGATES AS MAJOR URINARY METABOLITES OF CANNABIDIOL IN THE DOG.
AU SAMARA E [Reprint author]; BIALER M; HARVEY D J
CS UNIV DEP PHARMACOLOGY, SOUTH PARKS ROAD, OXFORD OX1 3QT, UK
SO Xenobiotica, (1990) Vol. 20, No. 2, pp. 177-184.
CODEN: XENOBH. ISSN: 0049-8254.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 27 Mar 1990
Last Updated on STN: 28 Mar 1990

L11 ANSWER 69 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1990:74284 BIOSIS
DN PREV199089042110; BA89:42110

TI METRIBUZIN METABOLISM BY TOMATO CULTIVARS WITH LOW MEDIUM AND HIGH LEVELS OF TOLERANCE TO METRIBUZIN.
AU SMITH A E [Reprint author]; PHATAK S C; EMMATTY D A
CS AGRONOMY DEP, UNIV GA, GRIFFIN, GA 30223, USA
SO Pesticide Biochemistry and Physiology, (1989) Vol. 35, No. 3, pp. 284-290.
CODEN: PCBPBS. ISSN: 0048-3575.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 23 Jan 1990
Last Updated on STN: 24 Jan 1990

L11 ANSWER 70 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1989:425324 BIOSIS
DN PREV198988083582; BA88:83582
TI DIFFERENTIAL BENTAZON METABOLISM AND RETENTION OF BENTAZON METABOLITES BY PLANT CELL CULTURES.
AU STERLING T M [Reprint author]; BALKE N E
CS DEP ENTOMOL, PLANT PATHOL AND WEED SCI, NEW MEXICO STATE UNIV, BOX 30003/DEP 3BE, LAS CRUCES, NM 88003-0003, USA
SO Pesticide Biochemistry and Physiology, (1989) Vol. 34, No. 1, pp. 39-48.
CODEN: PCBPBS. ISSN: 0048-3575.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 19 Sep 1989
Last Updated on STN: 23 Sep 1989

L11 ANSWER 71 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1989:24733 BIOSIS
DN PREV198987012733; BA87:12733
TI HIGH-PERFORMANCE LIQUID CHROMATOGRAPHIC DETERMINATION OF GLUCOSIDES GLUCOSE CONJUGATES WITH POST-COLUMN REACTION DETECTION COMBINING IMMOBILIZED ENZYME REACTORS AND LUMINOL CHEMILUMINESCENCE.
AU KOERNER P J JR [Reprint author]; NEIMAN T A
CS DEP CHEM, UNIV ILL, 1209 W CALIFORNIA ST, IL 61801, USA
SO Journal of Chromatography, (1988) Vol. 449, No. 1, pp. 217-228.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 20 Dec 1988
Last Updated on STN: 20 Dec 1988

L11 ANSWER 72 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1988:288755 BIOSIS
DN PREV198886017022; BA86:17022
TI STUDIES ON THE STRUCTURE OF AMINO ACID-GLUCOSAMINE CONJUGATE ISOLATED FROM BLOOD PLASMA OF RATS WITH GUERIN CARCINOMA.
AU GLINSKII G V [Reprint author]; VINNITSKII V B
CS RE KAVETSKII INST PROBL ONCOL, ACAD SCI UKR SSR, KIEV, USSR
SO Eksperimental'naya Onkologiya, (1987) Vol. 9, No. 5, pp. 78-80.
CODEN: EKSODD. ISSN: 0204-3564.
DT Article
FS BA
LA RUSSIAN
ED Entered STN: 16 Jun 1988
Last Updated on STN: 16 Jun 1988

L11 ANSWER 73 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on

STN
AN 1988:248217 BIOSIS
DN PREV198885126619; BA85:126619
TI BETA GLUCOSIDASE WITH GIBBERELLIN A-8-2-O-GLUCOSIDE HYDROLYZING ACTIVITY FROM PODS OF RUNNER BEANS.
AU SCHLIEMANN W [Reprint author]
CS INST PLANT BIOCHEMISTRY, ACAD SCI GDR, 4050 HALLE, E GER
SO Phytochemistry (Oxford), (1988) Vol. 27, No. 3, pp. 689-692.
CODEN: PYTCAS. ISSN: 0031-9422.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 16 May 1988
Last Updated on STN: 16 May 1988

L11 ANSWER 74 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1988:219976 BIOSIS
DN PREV198885109211; BA85:109211
TI MICROSOMAL SPECIFICITY UNDERLYING THE DIFFERING HEPATIC FORMATION OF BILIRUBIN GLUCURONIDE AND GLUCOSE CONJUGATES BY RAT AND DOG.
AU SOMMERER U [Reprint author]; GORDON E R; GORESKY C A
CS UNIV MED CLINIC, MONTREAL GENERAL HOSP, 1650 CEDAR AVE, MONTREAL, QUEBEC, CAN H3G 1A4
SO Hepatology, (1988) Vol. 8, No. 1, pp. 116-124.
CODEN: HPTLD9. ISSN: 0270-9139.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 4 May 1988
Last Updated on STN: 4 May 1988

L11 ANSWER 75 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1988:96279 BIOSIS
DN PREV198885053051; BA85:53051
TI FATE AND METABOLISM OF DICHLORPROP IN CEREALS AND FIELD GRASS.
AU GOEDICKE H-J [Reprint author]; BANASIAK U
CS INST PLANT PROTECTION RES KLEINMACHNOW OF ACADEMY AGRIC SCI OF GERMAN DEMOCRATIC REPUBLIC, DDR-1532 KLEINMACHNOW
SO Archives of Environmental Contamination and Toxicology, (1988) Vol. 17, No. 1, pp. 81-86.
CODEN: AECTCV. ISSN: 0090-4341.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 11 Feb 1988
Last Updated on STN: 11 Feb 1988

L11 ANSWER 76 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1987:406869 BIOSIS
DN PREV198784083049; BA84:83049
TI FORMATION OF A DIAZONIUM CATION INTERMEDIATE IN THE METABOLISM OF SULPHAMETHAZINE TO DESAMINOSULFAMETHAZINE IN THE RAT.
AU PAULSON G D [Reprint author]; FEIL V J; MACGREGOR J T
CS METABOLISM AND RADIATION RES LAB, AGRIC RES SERVICE, US DEP AGRIC, FARGO, ND 58105, USA
SO Xenobiotica, (1987) Vol. 17, No. 6, pp. 696-708.
CODEN: XENOBH. ISSN: 0049-8254.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 18 Sep 1987

Last Updated on STN: 18 Sep 1987

L11 ANSWER 77 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1987:404261 BIOSIS
DN PREV198784080441; BA84:80441
TI DISPOSITION AND METABOLISM OF INDELOXAZINE HYDROCHLORIDE A CEREBRAL ACTIVATOR IN RATS.
AU KAMIMURA H [Reprint author]; ENJOJI Y; SASAKI H; KAWAI R; KANIWA H; NIIGATA K; KAGEYAMA S
CS DRUG METABOLISM DEP, CENTRAL RES LAB, YAMANOUCHI PHARMACEUTICAL CO, LTD, NO 1-8, AZUSAWA-1-CHOME, ITABASHI-KU, TOKYO 174, JAPAN
SO Xenobiotica, (1987) Vol. 17, No. 6, pp. 645-658.
CODEN: XENOBH. ISSN: 0049-8254.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 18 Sep 1987
Last Updated on STN: 18 Sep 1987

L11 ANSWER 78 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1987:69111 BIOSIS
DN PREV198783037437; BA83:37437
TI HOPANTENIC-ACID BETA-GLUCOSIDE AS A NEW URINARY METABOLITE OF CALCIUM HOPANTENATE IN DOGS.
AU NAKANO K [Reprint author]; ANDO H; SUGAWARA Y; OHASHI M; HARIGAYA S
CS BIOLOGICAL RESEARCH LABORATORY, TANABE SEIYAKU CO LTD, 2-2-50, KAWAGISHI, TODA, SAITAMA 335, JAPAN
SO Drug Metabolism and Disposition, (1986) Vol. 14, No. 6, pp. 740-745.
CODEN: DMDSAI. ISSN: 0090-9556.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 24 Jan 1987
Last Updated on STN: 24 Jan 1987

L11 ANSWER 79 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1987:47323 BIOSIS
DN PREV198783026669; BA83:26669
TI DETERMINATION OF PYRIDOXINE BETA-GLUCOSIDE BIOAVAILABILITY USING INTRINSIC AND EXTRINSIC LABELING IN THE RAT.
AU INK S L [Reprint author]; GREGORY J F III; SARTAIN D B
CS FOOD SCI HUMAN NUTR DEP, UNIV FLA, GAINESVILLE, FLA 32611, USA
SO Journal of Agricultural and Food Chemistry, (1986) Vol. 34, No. 5, pp. 857-862.
CODEN: JAFCAU. ISSN: 0021-8561.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 7 Jan 1987
Last Updated on STN: 7 Jan 1987

L11 ANSWER 80 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1986:237180 BIOSIS
DN PREV198682001684; BA82:1684
TI DEPLETION KINETICS OF CARBON-14 SULFAMETHAZINE 4 AMINO-N-4 6-DIMETHYL-2-PYRIMIDINYLBENZENE UNIFORMLY CARBON-14-LABELED SULFONAMIDE METABOLISM IN SWINE.
AU MITCHELL A D [Reprint author]; PAULSON G D
CS METABOLISM AND RADIATION RESEARCH LABORATORY, PO BOX 5674, STATE UNIVERSITY STATION, FARGO, ND 58105, USA

SO Drug Metabolism and Disposition, (1986) Vol. 14, No. 2, pp. 161-165.
CODEN: DMDSAI. ISSN: 0090-9556.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 7 Jun 1986
Last Updated on STN: 7 Jun 1986

L11 ANSWER 81 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1986:225704 BIOSIS
DN PREV198681117004; BA81:117004
TI STEADY STATE KINETICS OF CARBON-14 SULFAMETHAZINE 4 AMINO-N-4 6-DIMETHYL-2-PYRIMIDINYLBENZENE UNIFORMLY CARBON-14-LABELED SULFONAMIDE METABOLISM IN SWINE.
AU MITCHELL A D [Reprint author]; PAULSON G D; ZAYSKIE R G
CS METABOLISM AND RADIATION RESEARCH LABORATORY, PO BOX 5674, STATE UNIVERSITY STATION, FARGO, ND 58105, USA
SO Drug Metabolism and Disposition, (1986) Vol. 14, No. 2, pp. 155-160.
CODEN: DMDSAI. ISSN: 0090-9556.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 28 May 1986
Last Updated on STN: 28 May 1986

L11 ANSWER 82 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1986:108707 BIOSIS
DN PREV198681019123; BA81:19123
TI METABOLISM OF THE SYNTHETIC PYRETHROID FENPROPATHRIN IN PLANTS.
AU MIKAMI N [Reprint author]; BABA Y; KATAGI T; MIYAMOTO J
CS LAB BIOCHEMISTRY AND TOXICOLOGY, TAKARAZUKA RESEARCH CENTER, SUMITOMO CHEMICAL CO LTD, 4-2-1 TAKATSUKASA, TAKARAZUKA, HYOGO 665, JAPAN
SO Journal of Agricultural and Food Chemistry, (1985) Vol. 33, No. 5, pp. 980-987.
CODEN: JAFCAU. ISSN: 0021-8561.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 25 Apr 1986
Last Updated on STN: 25 Apr 1986

L11 ANSWER 83 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1985:320534 BIOSIS
DN PREV198579100530; BA79:100530
TI METABOLISM IN RATS OF 3 PHENOXYBENZYL ALCOHOL AND 3 PHENOXYBENZOIC-ACID GLUCOSIDE CONJUGATES FORMED IN PLANTS.
AU MIKAMI N [Reprint author]; YOSHIMURA J; KANEKO H; YAMADA H; MIYAMOTO J
CS LABORATORY OF BIOCHEMISTRY AND TOXICOLOGY, TAKARAZUKA RESEARCH CENTER, SUMITOMO CHEMICAL CO LTD, 4-2-1 TAKATSUKASA, TAKARAZUKA, HYOGO 665, JAPAN
SO Pesticide Science, (1985) Vol. 16, No. 1, pp. 33-45.
CODEN: PSSCBG. ISSN: 0031-613X.
DT Article
FS BA
LA ENGLISH

L11 ANSWER 84 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1985:274573 BIOSIS
DN PREV198579054569; BA79:54569
TI A STUDY OF THE ABSORPTION EXCRETION METABOLISM AND RESIDUES IN TISSUES IN

RATS FED CARBON-14-LABELED SULFAMETHAZINE.
AU ZULALIAN J [Reprint author]; STOUT S J; BABCOCK C N; LUCAS L M; MILLER P; ORLOSKI E J
CS METAB LAB, AGRIC RES DIV, AMERICAN CYANAMID CO, PRINCETON, NJ 08540, USA
SO Journal of Agricultural and Food Chemistry, (1984) Vol. 32, No. 6, pp. 1434-1440.
CODEN: JAFCAU. ISSN: 0021-8561.
DT Article
FS BA
LA ENGLISH

L11 ANSWER 85 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1985:273194 BIOSIS
DN PREV198579053190; BA79:53190
TI METABOLISM OF THE INSECTICIDE BAYTHROID BY CELL SUSPENSION CULTURES.
AU PREISS U [Reprint author]; WAGNER K; OEHLMANN L; ENGELHARDT G; WALLNOEFER P
CS BAYERISCHE LANDESANSTALT ERNAEHRUNG, MENZINGER STR 54, D-8000 MUENCHEN 19, W GER
SO Chemosphere, (1984) Vol. 13, No. 8, pp. 861-872.
CODEN: CMSHAF. ISSN: 0045-6535.
DT Article
FS BA
LA ENGLISH

L11 ANSWER 86 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1984:278073 BIOSIS
DN PREV198478014553; BA78:14553
TI ACIFLUORFEN METABOLISM IN SOYBEAN GLYCINE-MAX CULTIVAR EVANS DI PHENYL ETHER BOND CLEAVAGE AND THE FORMATION OF HOMO GLUTATHIONE CYSTEINE AND GLUCOSE CONJUGATES.
AU FREAR D S [Reprint author]; SWANSON H R; MANSAGER E R
CS US DEP AGRIC, AGRIC RES SERV, METAB RADIAT RES LAB, FARGO, ND 58105, USA
SO Pesticide Biochemistry and Physiology, (1983) Vol. 20, No. 3, pp. 299-310.
CODEN: PCBPBS. ISSN: 0048-3575.
DT Article
FS BA
LA ENGLISH

L11 ANSWER 87 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1984:151168 BIOSIS
DN PREV198427067660; BR27:67660
TI THE EFFECT OF SOME SULFONYL UREA METABOLITES ON ACETO LACTATE SYNTHASE.
AU ERBES D L [Reprint author]
CS AGRICULTURAL CHEMICALS DEP, DU PONT EXP STN, WILMINGTON, DEL 19898, USA
SO Plant Physiology (Rockville), (1984) Vol. 75, No. SUPPL. 1, pp. 49.
Meeting Info.: ANNUAL MEETING OF THE AMERICAN SOCIETY OF PLANT PHYSIOLOGISTS, DAVIS, CALIF., USA, AUG. 12-17, 1984. PLANT PHYSIOL.
CODEN: PLPHAY. ISSN: 0032-0889.
DT Conference; (Meeting)
FS BR
LA ENGLISH

L11 ANSWER 88 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1983:225426 BIOSIS
DN PREV198375075426; BA75:75426
TI TIME COURSE OF THE METABOLISM OF ABSCISIC-ACID AND ITS TRANS-TRANS ISOMER IN CELL SUSPENSION CULTURES OF LYCOPERSICON-PERUVIANUM.
AU LEHMANN H [Reprint author]; VLASOV P V

CS INST BIOCHEM PFLANZEN AKADEMIE WISSENSCHAFTEN DDR, WEINBERGWEG, DDR-4010 HALLE SAALE
SO Biochemie und Physiologie der Pflanzen (BPP), (1982) Vol. 177, No. 4-5, pp. 387-394.
CODEN: BPPFA4. ISSN: 0015-3796.
DT Article
FS BA
LA ENGLISH

L11 ANSWER 89 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1983:217893 BIOSIS
DN PREV198375067893; BA75:67893
TI DEVELOPMENT OF 1-O SINAPOYL-BETA-D GLUCOSE L MALATE SINAPOYL TRANSFERASE EC-2.3.1.- ACTIVITY IN COTYLEDONS OF RED RADISH RAPHANUS-SATIVUS-VAR-SATIVUS.
AU STRACK D [Reprint author]
CS BOT INST, UNIV KOELN, GYRHOFSTR 15, D-5000 KOELN 41, W GER
SO Planta (Heidelberg), (1982) Vol. 155, No. 1, pp. 31-36.
CODEN: PLANAB. ISSN: 0032-0935.
DT Article
FS BA
LA ENGLISH

L11 ANSWER 90 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1982:278234 BIOSIS
DN PREV198274050714; BA74:50714
TI ISOLATION AND IDENTIFICATION OF A POLAR SULFAMETHAZINE METABOLITE FROM SWINE TISSUE.
AU GIERA D D [Reprint author]; ABDULLA R F; OCCOLOWITZ J L; DORMAN D E; MERTZ J L; SIECK R F
CS DEP AGRICULTURAL BIOCHEMISTRY, LILLY RESEARCH LAB, GREENFIELD, INDIANA 46140, USA
SO Journal of Agricultural and Food Chemistry, (1982) Vol. 30, No. 2, pp. 260-263.
CODEN: JAFCAU. ISSN: 0021-8561.
DT Article
FS BA
LA ENGLISH

L11 ANSWER 91 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1981:264284 BIOSIS
DN PREV198172049268; BA72:49268
TI ISOLATION AND IDENTIFICATION OF CARBON-14 LABELED SULFAMETHAZINE CARBON-14 LABELED 4 AMINO-N-4 6-DIMETHYL-2-PYRIMIDINYL BENZENESULFONAMIDE METABOLITES IN THE TISSUE AND EXCRETA OF SWINE.
AU PAULSON G D [Reprint author]; GIDDINGS J M; LAMOUREUX C H; MANSAGER E R; STRUBLE C B
CS METABOLISM AND RADIATION RES LAB, STATE UNIV STATION, FARGO, N D 58105, USA
SO Drug Metabolism and Disposition, (1981) Vol. 9, No. 2, pp. 142-146.
CODEN: DMDSAI. ISSN: 0090-9556.
DT Article
FS BA
LA ENGLISH

L11 ANSWER 92 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1980:289729 BIOSIS
DN PREV198070082225; BA70:82225
TI IN-VITRO RUMEN METABOLISM OF CARBON-14 LABELED OXAMYL AND SELECTED METABOLITES OF OXAMYL.

AU BELASCO I J [Reprint author]; HARVEY J JR
CS E I DUPONT DE NEMOURS CO INC, BIOCHEM DEP, EXP STN, WILMINGTON, DEL 19898, USA
SO Journal of Agricultural and Food Chemistry, (1980) Vol. 28, No. 4, pp. 689-692.
CODEN: JAFCAU. ISSN: 0021-8561.
DT Article
FS BA
LA ENGLISH

L11 ANSWER 93 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1980:268007 BIOSIS
DN PREV198070060503; BA70:60503
TI ENDOGENOUS HORMONES IN AFTER RIPENING WILD OAT AVENA-FATUA SEED.
AU TAYLOR J S [Reprint author]; SIMPSON G M
CS DEP BIOL, UNIV CALGARY, CALGARY, ALBERTA T2N 1N4, CAN
SO Canadian Journal of Botany, (1980) Vol. 58, No. 9, pp. 1016-1024.
CODEN: CJBOAW. ISSN: 0008-4026.
DT Article
FS BA
LA ENGLISH

L11 ANSWER 94 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1980:262098 BIOSIS
DN PREV198070054594; BA70:54594
TI DE TOXIFICATION OF JOJOBA MEAL.
AU VERBISCAR A J [Reprint author]; BANIGAN T F; WEBER C W; REID B L; TREI J E; NELSON E A; RAFFAUF R F; KOSERSKY D
CS ANVER BIOSCI DESIGN INC, SIERRA MADRE, CALIF 91024, USA
SO Journal of Agricultural and Food Chemistry, (1980) Vol. 28, No. 3, pp. 571-578.
CODEN: JAFCAU. ISSN: 0021-8561.
DT Article
FS BA
LA ENGLISH

L11 ANSWER 95 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1979:176292 BIOSIS
DN PREV197967056292; BA67:56292
TI DISTINCTIVE PATTERNS OF AMO BARBITAL METABOLITES.
AU KALOW W [Reprint author]; TANG B K; KADAR D; INABA T
CS DEP PHARMACOL, COLL MED, UNIV TORONTO, TORONTO, ONT M58 1A8, CAN
SO Clinical Pharmacology and Therapeutics, (1978) Vol. 24, No. 5, pp. 576-582.
CODEN: CLPTAT. ISSN: 0009-9236.
DT Article
FS BA
LA ENGLISH

L11 ANSWER 96 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1979:150859 BIOSIS
DN PREV197967030859; BA67:30859
TI THE METABOLISM OF THE HERBICIDE DIPHENAMID N-N DI METHYL-2 2-DIPHENYL ACETAMIDE IN CELL SUSPENSIONS OF SOYBEAN GLYCINE-MAX.
AU DAVIS D G [Reprint author]; HODGSON R H; DUSBABEK K E; HOFFER B L
CS METAB RADIAT RES LAB, US SCI EDUC ADM, FARGO, ND 58102, USA
SO Physiologia Plantarum, (1978) Vol. 44, No. 2, pp. 87-91.
CODEN: PHPLAI. ISSN: 0031-9317.
DT Article
FS BA

LA ENGLISH

L11 ANSWER 97 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1978:131328 BIOSIS
DN PREV197865018328; BA65:18328
TI METABOLISM OF CYTROLANE SYSTEMIC INSECTICIDE MEPHOSFOLAN PROPYLENE DI ETHOXYPHOSPHINYL DI THIO IMIDO CARBONATE IN COTTON PLANTS.
AU ZULALIAN J [Reprint author]; BLINN R C
CS METAB LAB, AGRIC DIV, AM CYANAMID CO, PRINCETON, NJ 08540, USA
SO Journal of Agricultural and Food Chemistry, (1977) Vol. 25, No. 5, pp. 1033-1039.
CODEN: JAFCAU. ISSN: 0021-8561.
DT Article
FS BA
LA ENGLISH

L11 ANSWER 98 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1977:242628 BIOSIS
DN PREV197764064992; BA64:64992
TI METABOLISM AND DISTRIBUTION OF CYCLOHEXANECARBOXYLIC-ACID A PLANT GROWTH STIMULANT IN BUSH BEAN.
AU PADMANABHAN U; WORT D J
SO Plant Physiology (Rockville), (1977) Vol. 60, No. 1, pp. 22-25.
CODEN: PLPHAY. ISSN: 0032-0889.
DT Article
FS BA
LA Unavailable

L11 ANSWER 99 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1977:144665 BIOSIS
DN PREV197763039529; BA63:39529
TI XYLOSE GLUCOSE AND GLUCURONIC-ACID CONJUGATION OF BILIRUBIN IN THE NEW BORN RAT.
AU VAISMAN S L; LEE K-S; GARTNER L M
SO Pediatric Research, (1976) Vol. 10, No. 12, pp. 967-971.
CODEN: PEREBL. ISSN: 0031-3998.
DT Article
FS BA
LA Unavailable

L11 ANSWER 100 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1977:68423 BIOSIS
DN PREV197713068423; BR13:68423
TI SYNTHESIS OF O-BETA-D GLUCO PYRANOSYL GIBBERELLIN O-BETA-D GLUCO PYRANOSYL ESTERS.
AU SCHNEIDER G; MIERSCH O; LIEBISCH H-W
SO Tetrahedron Letters, (1977) Vol. 5, pp. 405-406.
CODEN: TELEAY. ISSN: 0040-4039.
DT Article
FS BR
LA Unavailable

L11 ANSWER 101 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1975:68337 BIOSIS
DN PREV197511068337; BR11:68337
TI PREPARATION OF N ACETYL GLUCOSAMINE DERIVATIVES OF PROTEINS.
AU MOCZAR E; LEBOUL J
SO Febs Letters, (1975) Vol. 50, No. 3, pp. 300-302.
CODEN: FEBLAL. ISSN: 0014-5793.
DT Article

FS BR
LA Unavailable

L11 ANSWER 102 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1973:233028 BIOSIS
DN PREV197356062993; BA56:62993
TI INFLUENCE OF TEMPERATURE ON ABSORPTION TRANSLOCATION AND METABOLISM OF PYRAZON IN SUGAR BEETS.
AU KOREN E; ASHTON F M
SO Weed Science, (1973) Vol. 21, No. 3, pp. 241-245.
CODEN: WEESA6. ISSN: 0043-1745.
DT Article
FS BA
LA Unavailable

L11 ANSWER 103 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1968:68670 BIOSIS
DN PREV19684900068672; BA49:68672
TI Antigenic relationships in atopy I. Immunoprecipitation of different atopic allergens and synthetic model compounds with antisera to human dandruff allergen.
AU BERRENS, L.
CS Acad. Hosp., Utrecht, Neth.
SO ACAT ALLERGOL, (1967) Vol. 22, No. 5, pp. 331-346.
DT Article
FS BA
LA Unavailable
ED Entered STN: May 2007
Last Updated on STN: May 2007

L11 ANSWER 104 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 1956:7473 BIOSIS
DN PREV19563000007485; BA30:7485
TI A glucosamine conjugate occurring in human urine.
AU KING, J. STANTON; HYDER, NELTA
CS Res. Dept., S. E. Massengill Co., Bristol, Tenn.
SO PROC SOC EXPTL BIOL AND MED, (1955) Vol. 89, No. 3, pp. 342-345.
DT Article
FS BA
LA Unavailable
ED Entered STN: May 2007
Last Updated on STN: May 2007

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(FILE 'HOME' ENTERED AT 17:36:13 ON 09 JUL 2007)

FILE 'CAPLUS' ENTERED AT 17:36:18 ON 09 JUL 2007
L1 224 S "GLUCOSE CONJUGATE" OR "DEOXYGLUCOSE CONJUGATE"
L2 174 S L1 AND PY<=2003
L3 1 S L2 AND 2-DEOXYGLUCOSE
L4 0 S L2 AND (PHOTODYNAMIC OR PHOTOSENSITIVE)
L5 5 S L2 AND (DIAGNOSTIC OR DIAGNOSIS)
L6 47 S "GLUCOSAMINE CONJUGATE"
L7 32 S L6 AND PY<=2003

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L8            69 S "GLUCOSE CONJUGATE" OR "DEOXYGLUCOSE CONJUGATE" OR "GLUCOSAMI
L9            45 S L8 AND PY<=2003

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L10          121 S "GLUCOSE CONJUGATE" OR "DEOXYGLUCOSE CONJUGATE" OR "GLUCOSAMI
L11          104 S L10 AND PY<=2004

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